REPORT

OF THE

BOARD OF GOVERNORS

OF THE

UNIVERSITY OF ALBERTA

Year Ended December 31st, 1926

To His Honour

The Lieutenant Governor in Council.

Sir:

On behalf of the Board of Governors of the University of Alberta, and in accordance with section 31, subsection 2, of an Act respecting the University of Alberta, the undersigned have the honour to transmit to you, through the Minister of Education, the Report of the University for the year closing December 31st, 1936.

The Report consists of two parts, Part I - the Report of the President on the academic work of the University for the year ending June 30th, 1936, and Part II - the Financial Statement for the year ending December 31st, 1936.

We have the honour to remain your obedient servants,

Chairman

President.

To His Honour

The Lieutenant Governor in Council.

Sir:

On behalf of the Board of Governors of the University of Alberta, and in accordance with section 31, subsection 2, of an Act respecting the University of Alberta, the undersigned have the honour to transmit to you, through the Minister of Education, the Report of the University for the year closing December 31st, 1936.

The Report consists of two parts, Part I - the Report of the President on the academic work of the University for the year ending June 30th, 1936, and Part II- the Financial Statement for the year ending December 31st, 1936.

We have the honour to remain your obedient servants,

Chairman

President.

To His Honour

The Lieutenant-Governor in Council.

Sir:

On behalf of the Board of Governors of the University of Alberta, and in accordance with section 21, subsection 8, of an Act respecting the University of Alberta, the undersigned have the honour to transmit to you, through the Minister of Education, the Report of the University for the year closing December 31st, 1932.

The Report consists of two parts, Part I - the Report of the President on the academic work of the University for the year ending June 30th, 1932, and Part II - the Financial Statements for the year ending December 31st, 1932.

We have the honour to remain your obedient servants,

Governors

President.

PART I

THE REPORT OF THE PRESIDENT

PART I

THE REPORT OF THE PRESIDENT

To the Board of Governors
of the University of Alberta.

Gentlemen:

In accordance with the requirements of the University Act, section 60, subsection 7, I beg to submit, herewith, a report on the work of the University for the academic year ending, June 30th, 1926, the eighteenth annual report of the University, the sixteenth to your honourable body.

Staff

No changes have taken place in connection with the organization of the faculties during the current year. They stand as stated to you in the report of one year ago.

Professors	37
Associate Professors	14
Assistant Professors	12
Lecturers	15
Directors of Schools	3
Instructors	6
Demonstrators	1
	88

Library-

Librarian	1
Assistant Librarian	2
Sessional help	3

Extension Department-

Director 1
Assistant Director...1
Librarian.....1
Lecturer 1

Industrial Laboratory-

Director 1
Assistant 1

There were in addition to the above, one professor, two associate professors, seven assistant professors, eleven lecturers, twelve instructors and three demonstrators in the Faculty of Medicine not on the permanent staff of the University but who received a small honorarium for their services in the various laboratories and hospital departments.

In addition to the head of the Faculty of Law there were one part time professor and two part time lecturers who received a small honorarium for their services.

Under the direction of the Research Council of Alberta two professors devote full time to research work. This work is carried on jointly by the Government of Alberta and the University and for it special funds are provided.

Extension Department-

Director 1
Assistant Director...1
Librarian.....1
Secretary 1

Industrial Laboratory-

Director 1
Assistant 1

There were in addition to the above, one professor, two associate professors, seven assistant professors, eleven lecturers, twelve instructors and three demonstrators in the Faculty of Medicine not on the permanent staff of the University but who received a small honorarium for their services in the various Laboratories and Hospital Dispensaries.

In addition to the head of the Faculty of Law there were one part time professor and two part time lecturers who received a small honorarium for their services.

Under the direction of the Research Council of Alberta the professors devote full time to research work. This work is carried on jointly by the Government of Alberta and the University and for it special funds are provided.

Promotions

The following promotions of members of the staff were made by the Board of Governors, during the year:

John A. Weir, B.A., LL.B., from Professor of Law to Dean of the Faculty of Law;

Stanley Smith, M.A., B.Sc., from Associate Professor of Physics to Professor of Physics;

A. F. McGown, B.A., B.C.L., M.A., from Assistant Professor to Associate Professor of Political Economy;

B.J. Lang, B.A., M.A., Ph.D. from Assistant Professor to Associate Professor of Physics;

F. Owen, M.A., Ph.D., from Assistant Professor to Associate Professor of Modern Languages;

R. L. Rutherford, M.Sc. Ph.D., from Lecturer to Assistant Professor of Geology;

H. E. Bulyea, D.M.D., from Lecturer to Assistant Professor of Operative Dentistry;

E. H. Moss, M.A., Ph.D., from Lecturer to Assistant Professor of Botany;

H. M. Vango, M.D.C.M., from Lecturer to Assistant Professor of Pathology;

S. Nielson, B.A., LL.B., from Instructor to Lecturer in Law;

Promotions

The following promotions of members of the staff were made by the Board of Governors during the year:

John A. Hoir, B.A.,LL.B., from Professor of Law to Dean of the Faculty of Law;

Hannah Smith, M.A., B.Sc., from Associate Professor of Physics to Professor of Physics;

A. J. McQueen, B.A.,B.C.L., M.A., from Assistant Professor to Associate Professor of Political Economy;

H.J.Lunn, B.A.,M.A., Ph.D. from Assistant Professor to Associate Professor of Physics;

E. Owen, M.A.,Ph.D.,from Assistant Professor to Associate Professor of Modern Languages;

E. E. Whitmarsh, M.Sc. Ph.D.,from Lecturer to Assistant Professor of Geology;

E. E. Haines, B.A.D.,from Lecturer to Assistant Professor of Operative Dentistry;

E. E. Moss, M.A.,Ph.D. from Lecturer to Assistant Professor of Botany;

E. M. Yonge,M.D.C.M.,from Lecturer to Assistant Professor of Pathology;

E. Hyland,B.A.,LL.B., from Instructor to Lecturer in Law;

During the year, Mr. E. H. Moss, who had been granted leave of absence for one year to complete his Doctor's degree at the University of Toronto, returned to the University and was given the title of assistant professor in the Department of Botany.

A course in Surgical Anatomy was established in the Faculty of Medicine and Dr. Evan Greene, who had been a part time assistant in Anatomy, was appointed lecturer in Surgical Anatomy in the Department of Surgery.

New Appointments

Two new appointments were made during the year due to the resignation of junior members of the staff.

In the Department of Chemistry, E. H. Boomer, B.A., M.A., Ph.D., was appointed as lecturer in Physical Chemistry. Dr. Boomer is an Honours graduate from the University of British Columbia. He proceeded under a grant of the Research Council of Canada to his Ph.D. at McGill, after which he spent two years at Cambridge University working in Physical Chemistry under Sir Ernest Rutherford. Dr. Boomer brings added strength to the Department of Chemistry in the University.

In the Department of Physiology Mr. J. F. Quigley was appointed to a lectureship. Mr. Quigley is a B.Sc. of the University of Syracuse and an M.Sc. of the University of Minnesota.

Both these gentlemen have given satisfaction to the heads of their respective departments.

During the year, Mr. R. B. Moss, who had been granted leave of absence for one year to complete his Doctor's degree at the University of Toronto, returned to the University and was given the title of Assistant Professor in the Department of Botany.

A course in Surgical Anatomy was established in the Faculty of Medicine and Dr. Wynn Gregson, who had been a part time assistant in Anatomy, was appointed Lecturer in Surgical Anatomy in the Department of Surgery.

New Appointments

Two new appointments were made during the year due to the resignation of Junior members of the staff.

In the Department of Chemistry , R. H. Hooper, B.A., M.A.,Ph.D., was appointed as Lecturer in Physical Chemistry. Dr. Hooper is an Honours graduate from the University of British Columbia. He proceeded under a grant of the Research Council of Canada to his Ph.D. at McGill,after which he spent two years at Cambridge University working in Physical Chemistry under Sir Ernest Rutherford. Dr. Hooper brings added strength to the Department of Chemistry in the University.

In the Department of Physiology Mr. J. T. Quigley was appointed to a lectureship. Mr. Quigley is a B.Sc. of the University of Syracuse and an M.Sc. of the University of Kansas.

Both these gentlemen have given satisfaction to the heads of their respective departments.

Special attention should be called to the fact that in recent years seven of the junior members of the staff Messrs. Harty, Warren, Sandin, Rutherford, Long, Owen and Moss have proceeded to the Ph.D. degree by working in the summer at some of the great Graduate Schools of the United States. These gentlemen are to be commended for their diligence in completing their courses. This was done without special remuneration from the University and out of the moderate income which they received from the University. It meant economy all the year round with specially laborious work in what otherwise would have been their holidays.

In addition, Mr. John Macdonald, M.A., Litt.D. has completed his course for the Litt. D. at the University of Edinburgh and was, last Spring, granted his degree from that institution.

Professor Edouard Senet completed his course for his Doctorate at the University of Rennes, France, and was granted his degree with honours at the close of the Summer Session.

Special attention should be called to the fact that in
recent years some of the junior members of the staff Messrs.
Berry, Barrow, Beadle, Butterfield, Dean, and Moss have graduated
to the M.A. degree by working in the summer at one of the
great Graduate Schools of the United States. These continuous
ons to be commended for their diligence in completing their
courses. This was done without special remuneration from the
University and one of the secretaries income which they received
from the University. It would accompany all the year round with
especially laborious work in what otherwise would have been
their holidays.

In addition, Mr. John Macdonald, M.A., Litt.D. has completed
his course for the Litt. D. at the University of Edinburgh and
was, last Spring, granted his degree from that institution.

Professor Stewart Dent completed his course for the
Doctorate at the University of Texas, Austin, and was granted his
degree with honours at the close of the Summer Session.

Registration by Faculties

As distributed in the various faculties and schools, the numbers are as follows:

Total Registration ----------1308

1. Faculty of Arts and Sciences.....659

B.A.& B.Sc.in Arts.....281

Bachelor of Commerce..... 58

B.Sc. in Household Economics... 36

B.Sc. in Pharmacy..... 13

Special Students 38

Graduate Students 60

Combined Courses:

Arts & Agriculture...1
Arts & Law.....23
Arts & Medicine.....47
Arts & App.Science...8
Arts & Dentistry.....1 80

Summer Session..... 106

2. Faculty of Applied Science.....118

Civil,Mining,Electrical.....104

Combined Courses:

Arts & Applied Science.....8

Registration by Faculties

As distributed in the various faculties and schools, the members are as follows:

Total Registration 1700

1. Faculty of Arts and Sciences..... 689

B.A.& B.Sc.in Arts..... 281

Bachelor of Commerce..... 88

B.Sc. in Forestry Economics... 39

B.Sc. in Pharmacy..... 18

Special Students 36

Graduate Students 80

Combined Courses:

Arts & Agriculture...3
Arts & Law.....23
Arts & Medicine....47
Arts & Agr.Sciences..8
Arts & Dentistry.....4 85

Summer Session..... 102

2. Faculty of Applied Science.....118

Civil,Mining,Electrical.....104

Combined Courses:

Arts & Applied Science.....8

3. Faculty of Medicine.....225

Medicine.....132

Dentistry..... 36

Nursing,- Degree Course 6

Combined Courses:

Arts and Medicine.....47
Arts for Medicine.....10
Arts and Dentistry..... 1
Arts for Dentistry.....3 61

4. Faculty of Agriculture..... 152

Agriculture 49

Bachelor of Household Economics..... 9

Graduate Students.....13

Short Courses in Dairying.....81

Combined Courses:

Arts and Agriculture..... 1

5. Faculty of Law 73

Law 47

Combined Courses:

Arts and Law.....23
Arts for Law.....3 26

3. Faculty of Medicine.....208

Medicine.....183

Dentistry..... 56

Nursing.- Degree Course 6

Combined Courses:

Arts and Medicine.....17
Arts for Medicine..... 3
Arts and Dentistry..... 1
Arts for Dentistry..... 3 81

4. Faculty of Agriculture..... 109

Agriculture 49

Bachelor of Rural Economics..... 9

Graduate Studies.....12

Short Courses in Dairying.....31

Combined Courses:

Arts and Agriculture..... 1

5. Faculty of Law 73

Law 17

Combined Courses:

Arts and Law.....53
Arts for Law..... 3 56

6. School of Pharmacy 51

B.Sc. in Pharmacy 13

Diploma in Pharmacy.....38

7. Correspondence..... 79

8. M.D. 1

9. School of Nursing..... 59

Total.. 1411

Less duplicate registration in double courses..... 109

Total...1302

6. School of Pharmacy 91

7. Correspondence..... 75

8. B.E. 1

9. School of Nursing..... 39

Total.. 3411

Less duplicate registration in double courses.....109

Total...1302

Extension Work

In the numbers given in the foregoing paragraphs reference is made only to those students actually in attendance or those working directly under the guidance of the regular teaching staff of the University. The work done by the Department of Extension in its efforts to carry the benefits of the University to the people generally is only secondary to that done at the University itself as the following brief statement will show:

During the year 1928, the Department gave 428 lectures to audiences totalling 35,540 persons. Special mention should be made of the regular course given at a number of the Boards of Trade including Edmonton, Calgary, Medicine Hat, Lethbridge, and a number of smaller centres.

Correspondence Courses on general Political Economy and Agricultural Economics were given to 22 students; 716 Package Libraries for debaters were prepared and sent out.

The Farm Young People's Conference was attended by 100 farm boys and girls.

In the Travelling Library Department 195 exchanges were made to 183 communities. In addition, 37 special libraries were sent out to groups studying special subjects.

The groups to which the libraries were sent were as follows:

Communities.....	88
U.F.A.	36
U.F.W.A.	17
Y.I.....	9
S.D.	42
Other organizations...	21

Extension Work

In the numbers given in the foregoing paragraphs reference is made only to those students normally in attendance or those working directly under the guidance of the regular teaching staff of the University. The work done by the Department of Extension in its efforts to carry the benefits of the University to the people generally is only accounting to that done on the University Library" on the following brief statement will show:

During the year 1914, the Department gave 493 lectures to audiences totalling 30,048 persons. Special courses should in lieu of the regular course given as a number of the Bureau of Trade Industry Stenotype,Chiropy, Modeling Tea, Draughting, and a number of similar bodies.

Correspondence Courses on General Political Economy and Agricultural Economics were given to 38 students.

718 Package Libraries for lodges were circulated and sent out.

The Men Young People's Conference was attended by 100 farm boys and girls.

In the Travelling Library Department 304 applications were made to 193 communities. In addition, 37 special libraries were sent out to private studying special subjects.

The rooms to which the libraries were sent were as follows:

Communities.....	88
Y.M.C.A.	38
Y.W.C.A.	17
F.L.C.....	9
S.P.	42
Other organizations...	11

The Open Shelf Library sent out 14106 books, 504 pamphlets and 372 pictures. Short plays were supplied to 180 communities.

167 electric and acetylene lantern outfits were loaned for occasional lectures.

1710 sets of lantern slides were sent out during the year. These were shown 3703 times to audiences as shown by reports totalling 229,765.

543 moving picture films were sent out: these were shown 916 times to audiences aggregating 85,640.

During the year, First Aid instruction was given to 822 persons under the St. John's Ambulance Association affiliated with the department and 488 certificates were issued. The cooperation of the Workmen's Compensation Board is gratefully acknowledged.

In addition to the foregoing the Department of Extension is responsible for the distribution of bulletins prepared by the departments of Agriculture as the result of research work done at the University. Eighteen of these have been issued to date as follows:

Bulletin No. 1 "Roughage for Wintering Pregnant Ewes";

" No. 2 "Growing Sweet Clover" (Second Edition,Revised)

" No. 3 "Growing Registered Seed in Alberta"

" No. 4 "Alsikeade Red Clover"

" No. 5 "Potato Diseases"

" No. 6 "Plows and Plowing"(Second Edition,Revised)

" No. 7 "The Production of Fall Pigs in Alberta"

" No. 8 "Oat Silage vs. Sunflower Silage for Fattening Steers"

" No. 9 "The Use of Rope on the Farm"

The Open Shelf Library sent out 18106 books, 865 pamphlets and 378 plakates. Shelf plans were supplied to 180 communities.

167 electric and projection Lantern materials were issued for educational lectures.

1932 reels of lantern slides were sent out during the year.

These were shown 9853 times to audiences as shown by reports handling them.

Ben moving picture films were sent out these were shown 918 times to audiences numbering 80,000.

During the year, First Aid instruction was given to 8899 persons under the St. John's Ambulance Association affiliated with the department and 449 certificates were issued. The cooperation of the Province's Conservation Board is gratefully acknowledged.

In addition to the foregoing the Department of Extension is responsible for the distribution of bulletins prepared by the Departments of Agriculture as the result of research work done at the University. Bulletins of these boys clubs issued to date as follows:

Bulletin No. 1 "Suggestions for Lantern Travel Shows";

" No. 2 "Growing Sweet Clover" (Second Edition,Revised)

" No. 3 "Growing Registered Seed in Alberta"

" No. 4 "Alfalfa and Sweet Clover"

" No. 5 "Potato Diseases"

" No. 6 "Flora and Fauna"(Second Edition,Revised)

" No. 7 "The Production of Bull Pigs in Alberta"

" No. 8 "Dual Gilpin vs. Dual Clover Silage for Fattening Steers"

" No. 9 "The Use of Bees on the Farm"

Bulletin No. 10 "Winter and Knotter Troubles" (Second Edition)

" No. 11 "Soil Survey Report of Macleod Sheet"

" No. 12 "Age as a Factor in the Profitable Feeding of Steers"

" No. 13 "Steer Feeding Problems"

Circular No. 2 "Some Alberta Flint Corn"

" No. 3 "Steer Feeding in Alberta"

" No. 4 "Legume Inoculation"

Research Bulletin No.1, The Nature and Practical Measurements of Frost Resistance in Winter Wheat"

" " No. 2, "Wireworms of Alberta"

These bulletins have had a total distribution to date of approximately 48,000 .

The foregoing would seem to be a sufficient answer to the criticisms sometimes heard that the University does not reach the people with its publications and researches. It seems reasonable from the above figures to conclude that at least 30% of the people of the province received, last year, direct benefit from the University. One member of the Board of Governors, resident in the country, stated at a meeting of the Board that there were people in the country today who feel they could hardly live there but for the service rendered by this department.

Summer School and Summer Session, Faculty of Arts

As in Previous years, the University placed the buildings and equipment ,during July and August, at the disposal of the Summer School for Teachers conducted by the Department of Education.

The Summer Session of the Faculty of Arts in which courses leading to a degree were offered, was continued. The registration was as follows:

Registration	Men	Women	Total
	33	37	70

First Year Courses: Students

Latin 1-2 8

Second Year Courses:

Chemistry 1 11

English 2 19

French 3-4 6

History 2 7

Mathematics 7 8

Philosophy 2 12

Political Economy 1 11

Senior Courses

Ancient History 51 4

Chemistry 52 4

English 59 6

French 54 3

Summer School and Summer Evening Courses of Arts

As in previous years, the University placed the buildings and equipment during July and August, at the disposal of the Summer School for Teachers conducted by the Department of Education.

The Summer Session of the Faculty of Arts in which courses leading to a degree were offered, was continued.

The registration was as follows:

Registration	Men	Women	Total
	33	37	70

Final Year Courses

Subjects	
Latin 3+5	6

Second Year Courses

Chemistry 1	11
English 2	10
French 3+5	8
History 3	7
Mathematics 2	6
Philosophy 3	12
Political Economy 1	13

Junior Courses

Ancient History 83	4
Chemistry 80	4
English 88	6
French 84	2

Senior Courses (Continued)

Mathematics 52.....6

Psychology 51.....7

Psychology 55 1

Political Economy 56 4

In addition to the above the annual Summer School was conducted by the Department of Education. They occupied the total capacity of the Arts Building and the University Residences for the five weeks beginning July 4th. The total attendance was 336.

Senior Courses (Continued)

Mathematics 51.....6

Psychology 51.....7

Psychology 52 1

Political Economy 56 4

In addition to the above the usual Summer School was conducted by the Department of Education. They received the total registry of the Arts Building and the University Residences for the five weeks beginning July 4th. The total attendance was 370.

Student Registration for the Academic Year

Ending June 30th, 1926

The following classification of the student body under various heads:- academic, social and religious will give some indication of the manifold interests that enter into the University.

Registration by Years

	Men	Women	Total
First Year	161	51	212
Second Year	167	67	234
Third Year	156	60	216
Fourth Year	108	43	151
Fifth Year	39	0	39
Sixth Year	14	3	17
Graduates	52	20	72
Correspondence	46	33	79
B. Divinity	1	0	1
Short Course in Dairying	81	0	81
Diploma Course in Nursing	0	59	59
Special	17	21	38
Summer Session	55	48	103
	897	405	1302

Students Registering for the Academic Year

Ending June 30th,1952

The following classification of the student body under various headings, academic, social and religious will give some indication of the manifold interests that enter into the University.

Classification by Years

	Men	Women	Total
First Year	187	81	268
Second Year	127	87	214
Third Year	166	80	246
Fourth Year	108	43	151
Fifth Year	68	6	74
Sixth Year	14	3	17
Graduates	82	30	112
Correspondence	46	33	79
D. Divinity	1	0	1
Short Course in Typing	21	0	21
Diploma Course in Nursing	0	99	99
Special	17	21	38
Summer Session	68	18	122
	897	405	1302

REGISTRATION BY SUBJECT

Subject	Number of Course	Number of Students	Total
Accountancy	1	36	
	55	31	67
Agricultural Engineering	1	15	
	52	5	
	53	14	34
Ancient History	51	32	32
Animal Husbandry	1	6	
	2	8	
	3,4,& 61	10	
	52 & 62	8	
	53 & 63	5	
	54 & 64	2	
	55 & 67	8	
	62	10	
	66	5	
	68	3	
	69	2	
	70	7	76
Anatomy	2 & 3	32	
	4	32	
	6 & 8	10	
	10	32	
	11	10	
	12	32	
	13	21	
	14	32	
	15	11	
	20	10	
	22	10	
	23	10	
	51	30	
	53	13	
	54	13	
	60	30	328
Ancient Law		1	1
Architecture	62	15	15

PROFESSION BY MAJORS

Subject	Number of Course	Number of Students	Total
Accountancy	1	36	
	84	31	67
Agricultural Engineering	1	18	
	82	3	
	83		
		16	84
Ancient History	61		
		12	12
Animal Husbandry	1	8	
	5	6	
	3,4,6 61	12	
	62 & 63	6	
	62 & 65	6	
	64 & 66	3	
	66 & 67	8	
	6	10	
	65	8	
	68	3	
	69	3	
	70		
		2	75
Anatomy	1 & 3	32	
	4	28	
	5 & 6	10	
	10	62	
	11	10	
	12	32	
	13	23	
	14	28	
	15	11	
	16	10	
	17	12	
	55	10	
	21	10	
	52	18	
	54	18	
	20		
		20	328
Ancient Law		1	1
Architecture	63	12	12

Subject	Number of Course	Number of Students	Total
Bacteriology	1	32	
	2	18	
	31	30	
	51	20	
	53	6	
	55	6	108
Bandaging	31	31	31
Bills & Notes		1	1
Biochemistry	1	32	
	2	13	
	51	24	
	52	21	
	61	9	99
Botany	1	48	
	2	30	
	3	24	
	4	4	
	51	11	117
Chemistry	1	137	
	2	57	
	3	58	
	4	2	
	5	9	
	31	30	
	51	16	
	52	32	
	53	10	
	56	3	
	57	6	
	58	24	
	59	5	
	60	8	
	61	10	
	102	2	403

Subject	Number of Course	Number of Sections	Total
Mathematics	1	38	
	2	11	
	21	10	
	31	10	
	32	6	
	35	6	109
Sociology	21	11	31
Fine & Music		1	1
Biography	1	30	
	2	13	
	31	24	
	32	21	
	41	6	88
Botany	1	48	
	3	30	
	3	34	
	4	4	
	21	11	127
Chemistry	1	127	
	2	87	
	11	82	
	4	2	
	5	8	
	11	30	
	31	18	
	32	32	
	33	20	
	35	9	
	37	6	
	39	24	
	39	8	
	40	4	
	41	10	
	108	2	402

Subject	Number of Course	Number of Students	Total
Civil Engineering	1	23	
	2	24	
	3	24	
	6	22	
	7	21	
	10	28	
	52	3	
	53	3	
	55	6	
	57	8	
	59	3	
	62	3	
	63	3	
	66	3	
	67	8	
	70	5	
	74	3	197
Classics in English	51	83	83
Clinical Medicine	51	23	
	52	21	
	53	16	60
Clinical Surgery	51	23	
	52	21	
	53	16	60
Comparative Literature	51	13	13
Company Law		40	40
Contracts		13	13
Criminal Law		13	13
Criminal Procedure		40	40
Dairying	1	6	
	52	9	
	53	4	
	54	5	24

Subject	Number of Orders	Number of Students	Total
Civil Engineering	1	28	
	2	24	
	5	14	
	6	20	
	7	21	
	10	32	
	26	4	
	25	3	
	28	6	
	27	6	
	22	1	
	23	2	
	23	3	
	24	5	
	27	5	
	20	5	
	25	____5	109
Dissection in English	21	24	24
Clinical Medicine	21	23	
	28	21	
	28	____36	80
Clinical Surgery	23	23	
	22	27	
	22	____10	80
Comparative Literature	21	____12	12
Company Law		____40	40
Contracts		____32	32
Criminal Law		____12	12
Criminal Procedure		____20	20
Dairying	1	8	
	20	9	
	25	4	
	24	____5	24

Subject	Number of Course	Number of Students	Total
Dentistry	1	10	
	2	10	
	3	10	
	51	6	
	52	6	
	53	7	
	54	7	
	56	5	
	Dental Nursing	4	65
Dermatology	Nurses	13	13
Domestic Relations		19	19
Drawing	1	2	
	3	34	
	3	2	
	4	40	
	5	57	
	6	26	161
Drugs & Solutions(Nurses)		30	30
Ear,Nose & Throat(Nurses)		16	16
Education	53	3	
	54	2	5
Electrical Engineering	51	6	
	53	3	
	54	6	
	55	6	
	76	1	
	77	3	
	78	3	
	79	3	
	80	3	
	81	3	31

Subject	Number of Courses	Number of Students	Total
Anatomy	1	10	
	2	10	
	3	10	
	B1	6	
	B2	9	
	B3	7	
	B4	7	
	B6	3	
	Total Nursing:	4	65
Bacteriology	Nurses	12	12
Bacterio Relations		10	10
Dressing	1	3	
	2	24	
	3	8	
	4	40	
	5	87	
	6	19	181
Drugs & Solutions(Nurses)		20	20
Ear,Eye & Throat(Nurses)		16	16
Elocution	83	3	
	84	3	6
Electrical Engineering	81	6	
	82	2	
	84	8	
	85	6	
	75	1	
	77	3	
	78	2	
	79	2	
	80	2	
	88	3	33

Subject	Number of Course	Number of Students	Total
English	1	115	
	2	73	
	3	5	
	52	34	
	53	19	
	54	13	
	57	13	
	59	2	
	60	9	
	104	1	
	109	4	277
Entomology	1	9	
	51	7	
	61	16	
	63	2	44
Equity	1	17	
	2	24	41
Evidence	1	39	
	2	24	63
Eye(Nurses)		15	15
Field Husbandry	1	7	
	50	12	
	51	11	
	54	6	
	61	15	
	62	8	
	121	10	
	200	7	76
French	A	74	
	1-3	85	
	3-4	70	
	44	25	
	48	26	
	52	33	
	54	25	
	101	1	340

Subject	Number of Courses	Number of Students	Total
Geology	32	20	
	33	11	
	51	24	
	52	5	
	53	4	
	54	2	
	55	5	
	58	3	
	62	1	75
German	A	32	
	1-3	21	
	2-4	6	
	44	3	
	46	1	
	54	7	
	56	4	80
Greek	1	20	
	3-4	8	
	51	3	
	101	1	30
Hebrew	51	1	
	52	2	3
History	1	82	
	2	30	
	3	34	
	53	12	
	57	40	
	58	20	
	103	2	218
History of Agriculture	1	10	
	2	9	
	51	17	36
History of Nursing		30	30
History of Science		23	23

Subject	Number of Courses	Number of Students	Total
Biology	33	50	
	32	13	
	07	64	
	59	5	
	53	4	
	54	1	
	58	6	
	56	3	
	52	2	72
German	1	89	
	1-3	83	
	2-4	0	
	44	3	
	49	1	
	56	7	
	55	4	90
Greek	1	00	
	2-4	0	
	31	3	
	101	2	30
History	31	4	
	55	5	9
History	1	52	
	8	30	
	2	34	
	51	10	
	57	10	
	47	6	
	48	30	
	109	8	116
History of Agriculture	3	10	
	2	5	
	51	17	32
History of Nursing		20	20
History of Science		23	23

Subject	Number of Course	Number of Students	Total
Horticulture	2	7	
	51	7	
	52	3	13
Household Economics	1	11	
	2	10	
	3	10	
	31	5	
	32	1	
	33	1	
	36	30	
	37	11	
	51	14	
	52	7	
	55	5	
	56	5	
	57	7	
	58	6	
	59	6	109
Hygiene	51	23	
	53	21	44
Jurisprudence		2	2
Latin	A	71	
	1-3	83	
	3-4	13	
	36	21	
	51	8	
	106	6	203
Legal History	1	28	
	2	22	50
Legal Philosophy		1	1
Massage		31	31

Subject	Number of Courses	Number of Divisions	Total
Portuguese	3	7	
	22	7	
	32	5	19
Economics	1	11	
	2	10	
	3	10	
	21	5	
	30	1	
	33	1	
	36	30	
	37	11	
	61	14	
	32	7	
	39	5	
	66	6	
	67	7	
	68	6	
	69	6	139
Physics	81	25	
	83	21	44
Surveying		2	2
Latin	4	71	
	1-3	83	
	2-4	12	
	75	21	
	81	6	
	108	6	203
Local History	1	28	
	2	22	50
Legal Philosophy		1	1
Geology		31	31

Subject	Number of Course	Number of Students	Total
Materia Medica	1	13	
	3	32	
	4	10	
	5	7	
	51	3	
	52	2	67
Mathematics	1	128	
	2	23	
	7	29	
	21	44	
	22	49	
	25	29	
	26	28	
	32	30	
	55	16	
	56	5	
	57	5	
	59	5	
	62	16	
	63	2	
	64	1	
	104	3	
	105	3	410
Medicine	53	1	
(Dentistry)	54	7	
(Nurses)		12	20
Medical Jurisprudence and Toxicology	51	21	21
Metabolism (Nurses)		22	22
Mining Engineering	54	5	
	55	7	
	56	2	
	58	3	
	60	2	
	61	2	
	62	2	
	63	2	
	65	1	
	66	3	29

Subject	Number of Course	Number of Students	Total
Materia Medica	1	12	
	3	79	
	4	30	
	5	7	
	91	3	
	89	8	87
Mathematics	1	128	
	3	25	
	7	19	
	11	46	
	23	40	
	25	26	
	28	28	
	34	30	
	69	16	
	93	3	
	97	6	
	99	8	
	82	10	
	83	3	
	84	1	
	104	3	
	103	1	410
Medicine (Pharmistry) (Nurses)	93	1	
	54	7	
		12	20
Medical Jurisprudence and Toxicology	91	21	21
Metabolism (Nurses)		28	28
Minor Surgery	64	8	
	68	7	
	88	2	
	86	2	
	80	8	
	81	2	
	87	2	
	85	2	
	96	1	
	88	1	32

Subject	Number of Course	Number of Students	Total
Nursing Ethics		32	32
Obstetrics (Nurses)		15	15
Obstetrics & Gynaecology	51	21	
	52	17	38
Biblical History & Literature		10	10
Opthalmology & E.O.L.	51	37	37
Orthodontia	55	6	6
Orthopaedics(Nurses)		13	13
Partnership & Agency		40	40
Pathology	51	28	
	52	23	
	53	21	
	55	6	
	Nurses	38	116
Pediatrics	Nurses	11	11
Personal Hygiene	"	30	30
Pharmacy	1	13	
	2	13	
	3	18	
	4	13	
	51	4	
	52	4	
	54	4	
	55	2	71

Subject	Number of Course	Number of Students	Total
Nursing Ethics		38	38
Obstetrics (Nurses)		18	18
Obstetrics & Gynaecology	81	21	
	82	17	38
Physical Therapy & Electrotherapy		10	10
Psychology & M.C.L.	01	37	37
Orthodontia	03	6	6
Orthopaedics(Nurses)		12	12
Partnership & Agency		40	40
Pathology	51	18	
	52	28	
	53	21	
	55	8	
	Nurses	39	116
Poliatrics	Nurses	11	11
Personal Hygiene	"	30	30
Pharmacy	1	13	
	2	17	
	3	19	
	4	13	
	81	4	
	82	6	
	84	4	
	88	5	71

Subject	Number of Courses	Number of Students	Total
Pharmacology	70	10	
	72	24	34
Philosophy	2	72	
	51	36	
	53	2	
	55	30	
	108	3	139
Physics	1	112	
	3	48	
	6	39	
	9	8	
	11	46	
	18	6	
	51	3	
	53	6	
	54	6	
	55	2	270
Physical Education (women)			
" " (men)	1	219	
	2	124	343
Physiology	31	13	
	60	6	
	61	1	
	41	10	
	68	2	
	71	18	
	72	24	
	31(nurses)	20	
	52	11	
	Nurses	2	107
Political Economy	1	98	
	2	9	
	10	13	
	64	41	
	65	15	
	67	27	
	69	15	
	70	16	
	72	3	
	73	31	

Subject	Number of Courses	Number of Students	Total
Pharmacology	70	10	
	70	24	34
Philosophy	5	75	
	61	38	
	63	4	
	65	20	
	108	3	139
Physics	1	122	
	2	48	
	6	32	
	9	8	
	11	48	
	12	8	
	61	3	
	63	8	
	64	6	
	88	3	340
Physical Education (women)	1	210	
" " (men)	2	134	344
Physiology	31	13	
	60	8	
	61	1	
	41	10	
	68	9	
	71	32	
	72	34	
	31(Nurses)	20	
	82	11	
	Nurses	9	107
Political Economy	1	68	
	6	9	
	10	12	
	64	41	
	62	10	
	67	27	
	69	12	
	70	24	
	72	3	
	73	21	

Subject	Number of Courses	Number of Students	Total
Practice	1	23	
	2	25	48
Principles and Practice of Nursing		56	56
Private International Law		18	18
Psychiatry	68	16	
	Nurses	14	30
Psychology	51	51	
	51	88	
	53	19	
	54	1	
	55	7	
	56	5	
	60	14	
	103	3	
	104	2	
	105	7	110
Real Property	1	13	
	2	17	
	3	34	53
Soils	51	9	
	52	8	
	53	4	
	54	8	29
Surgery	53	1	
	54	7	8
Surgical Nursing		10	10

Subject	Number of Courses	Number of Students	Total
Practice	1	23	
	2	25	48
Principles and Practice of Nursing		56	56
Private International Law		18	18
Psychiatry	60 Nurses	16	
		14	30
Psychology	31	31	
	81	85	
	82	10	
	34	1	
	83	7	
	84	6	
	85	14	
	103	3	
	104	8	
	109	7	110
Real Property	1	12	
	2	17	
	3	24	53
Rolls	81	9	
	82	3	
	83	4	
	84	3	19
Surgery	53	1	
	54	7	8
Surgical Nursing		10	10

Subject	Number of Courses	Number of Students	Total
Therapeutics	51	21	
	52	16	37
Torts	1	12	
	2	18	30
Toxicology	1	13	
	61	3	16
Tuberculosis	Nurses	15	15
Urology	*	15	15
Veterinary Science	1	6	
	51	6	12
Wills		21	21
Zoology	1	51	
	2	31	
	3	30	116

Subject	Number of Courses	Number of Students	Total
Therapeutics	81	21	
	86	18	87
Torts	1	12	
	8	18	30
Toxicology	1	12	
	81	3	15
Tuberculosis	Nurses	18	18
Urology	0	12	12
Veterinary Science	1	8	
	81	8	12
Wills		21	21
Zoology	1	21	
	2	21	
	3	72	134

The Religious Affiliation of the Students in the University as shown by their Registration Cards

United Church of Canada	438
Presbyterian	363
Church of England	213
Roman Catholic	78
Baptist	73
Hebrew	37
Lutheran	19
Greek Orthodox	17
Christian Science	10
Greek Catholic	9
Unitarian	6
Church of Christ & Latter Day Saints	4
Evangelical	4
Church of Christ	4
Non Denominational	2
Nazarene	1
Disciple of Christ	1
Pentecostal Assemblies of God	1
Sikhism	1
Protestants	57
None	6
Not given	70

United Church of Canada 129
Presbyterian 123
Church of England 119
Roman Catholic 78
Baptist 73
Hebrew 67
Lutheran 59
Greek Orthodox 57
Christian Science 50
Greek Catholic 9
Unitarian 6
Church of Christ A Latter Day Saints ... 4
Evangelical 3
Church of Christ..... 4
Non Denominational 2
Nazarene 1
Disciple of Christ 1
Fundamental Assembles of God 1
Sikhism 1
Pentecostal 84
Mormon 6
Not given 76

The Religious Affiliation of the Students in the University

as shown by their Registration Cards

Registration of Students According to National Origin

The following classification of the student body shows to what a large extent the province is still dependent upon immigration, the vast majority of our students having come here with their parents from other countries. The numbers born in the various countries mentioned are indicated by the figures opposite the name:

1. British Empire ----------985

(a) Canada 806

Alberta	391
Ontario	257
Manitoba	63
Saskatchewan	43
Nova Scotia	32
British Columbia	32
Quebec	22
New Brunswick	23
Prince Edward Island	14
Yukon	1

The 391 in Alberta were distributed as follows:

Edmonton	78
Calgary	30
Medicine Hat	18
Macleod	13
Lethbridge	10
Wetaskiwin	9
Vegreville	8
Pincher Creek	7
Lacombe	6
Ponoka	6
Fort Saskatchewan	5
Okotoks	5
Red Deer	5
Banff	4
Frank	4
Beaver Lake	3
Didsbury	3
Innisfree	3
Lamont	3
Leduc	3
Mundare	3
Olds	3
Aspin Beach	2

Registration of Students According to National Origin

The following alphabetic section of the student body shows to what a large extent the province is still dependent upon immigration, the vast majority of our students having come here with their parents from other countries. The numbers born in the various countries mentioned are indicated by the figures opposite the names:

1. British Empire 208

(a) Canada 203

Alberta 203
Ontario 197
Manitoba 85
Saskatchewan 41
Nova Scotia 23
British Columbia 20
Quebec 18
New Brunswick 11
Prince Edward Island.....14
Yukon 8

The 391 in Alberta were distributed as follows:

Edmonton.....78
Calgary 30
Medicine Hat 18
Macleod 17
Lethbridge 10
Wainwright 5
Vegreville 4
Beaver Creek 7
Lacombe 6
Ponoka 5
Fort Saskatchewan 5
Okotoks 4
Red Deer.....3
Banff 4
Provost 6
Beaver Lake 3
Tofield 2
Innisfree 6
Lamont 8
Leduc 2
Wetaskiwin 3
Olds 5
Aspin Brook 5

Carleton.....6
Carstairs 2
Ross Creek 3
Stettler 2
Vermilion 3
Dresden 2
Alberta 8

and one from each of the following towns: Airdrie, Andrew, Ajax, Beaver Hill, Blackfalds, Blackie, Blairmore, Bon Accord, Chipman, Camrose, Clareshelm, Cliva, Culloden, Contest, Dayaland, De Winton, Donalda, Forestburg, Gleichen, Gilby, Gwynne, High River, Innisfail, Irvine, Killam, Kitscoty, Livingstone, Lundbreck, Maple Creek, Pakan, Pelgan, Round Hill, Soda Lake, Stanley, Star, St. Albert, Stonelaw, Torfield, Viking, Wasel.

(b) Other parts of the British Empire-----179

England 103
Scotland 37
Ireland 23
Wales 5
Newfoundland 4
India 3
New Zealand 2
South Africa 2
Australia 1

II. Foreign Countries -----381

(a) United States 175

Pennsylvania.....13
Minnesota.....13
Iowa 13
North Dakota.....12
Nebraska 11
Michigan 10
Montana 10
Illinois 9
Washington 9
New York 8
Colorado..... 4
Idaho 4

Quotation.....3
Overdue 3
Buds Creek 3
Statcher 3
Vermilion 3
Dryden 3
Alberta 3

and one from each of the following towns: Airdrie, Aurora, Ajax, Beaver
Hill, Blackfield, Blackie, Kirkmore, Mon Ancord, Chippewa Corners,
Clarendon, Clive, Colleton, Courtenay, Deptford, De Winton, Donald,
Forestburg, Gladstone, Gilby, Gouvna, High River, Imperial, Jarvine,
Killam, Kitscoty, Lloydminster, Lundbreck, Maple Creek, Pekan,
Pelgan, Round Hill, Santa Lucia, Stanley, Star, St. Albert, Strathcona,
Telfield, Viking, Wasel.

(b) Other parts of the British Empire.....179

England .....Jan
Scotland 37
Ireland 53
Wales .....
Newfoundland .....
India .....
New Zealand .....
South Africa .....
Australia .....

II. Foreign Countries 201

(a) United States 178

Pennsylvania.....Ja
Minnesota.....
Iowa .....
North Dakota.....
Nebraska .....
Michigan .....
Montana .....
Illinois .....
Washington .....
New York .....
Colorado.....
Idaho .....

Kansas 4
Ohio 4
Oklahoma 4
Utah 4
California 3
Massachusetts 3
South Dakota 3
Texas 3
Connecticut 2
New Jersey 2
Vermont 2
Wisconsin 2
Arkansas.....1
Indiana 1
Maine 1
Oregon 1
Virginia 1
Wyoming 1
United States 11

(b) Foreign Countries other than the United States.....46

Russia 11
Ukraine 7
Denmark..... 5
Germany 5
Roumania 3
Austria 2
Poland 2
Sweden 2
Argentine 1
China 1
Egypt 1
France 1
Galicia 1
Holland 1
Japan 1
Norway 1
Persia 1

III. Countries not specified 52

Duplicateregistration-Summer Session and Session 1925-26..... 44

Texas 6
Ohio 6
California 7
Utah 8
Connecticut 8
Rhode Island 8
North Dakota 9
Iowa 9
Louisiana 9
New Jersey 9
Vermont 10
Wisconsin 10
Alabama 11
Indiana 11
Maine 11
Oregon 11
Virginia 11
Wyoming 11
United States 11

(b) Foreign Countries other than the United States..... 46

Russia 11
Ukraine 7
Denmark 6
Germany 5
Roumania 3
Austria 2
Poland 2
Sweden 2
Argentine 1
China 1
Egypt 1
France 1
Great Britain 1
Holland 1
Japan 1
Norway 1
Persia 1

III. Conditions not specified 22

Duplicate Communications Received and Counted 1907-08..... 44

Classification of Students by Occupation of Parents

Farmers and Ranchers	262
Merchants	93
Clergy	67
Government Employees	50
Physicians	46
Railway Employees	33
Contractors	32
Retired	31
Professors and Teachers	18
Real Estate Agents	18
Lawyers	17
Lumbermen	17
Carpenters	16
Managers	15
Insurance Agents	13
Dentists	13
Wholesalers	11
Mechanics	11
Travellers	10
Judges	9
Clerks	8
Accountants	8
Miners	7
Stock Dealers	6
Veterinary Science	6
Printers	5

Classification of Students by Occupation of Parents

Farmers and Ranchers 206
Merchants 83
Clerks 89
Government Employees 80
Physicians 42
Railway Employes 83
Carpenters 32
Retired 83
Professors and Teachers 38
Real Estate Agents 16
Lawyers 17
Insurance 17
Carpenters 14
Telephone 13
Insurance Agents 13
Dentists 12
Veterinarians 11
Musicians 11
Preachers 10
Bankers 9
Cleaners 8
Accountants 8
Miners 7
Stock Dealers 6
Veterinary Science 6
Printers 4

Salesmen 5

Grain-Dealers 5

Civil Engineers 4

Druggists 4

Hotel Proprietors 4

Painters 4

Tailors 4

Advertisers 3

Bankers 3

Bookkeepers.....3

Machinists..... 3

Manufacturers 3

Police 3

Secretary-Treasurers..... 3

Steam Engineers..... 3

Architects 3

Millers 3

Blacksmiths 2

Draftsmen..... 2

Labourers 2

Millers 2

Millwright 2

Mining Engineers 2

Mine Operators 2

Publishers 2

Registrars 2

Shoemakers 2

Stone Masons 2

Warehousemen 2

Watchmakers 2

Well Drillers 2

Transfer Business 2

Auditor 1

Artist 1

Barber 1

Baker 1

Bridge Foreman 1

Butcher 1

Buyer 1

Caretaker 1

Checker 1

Chemist 1

Cooper 1

Correspondent 1

Court Reporter 1

Brick Layer 1

Drayman 1

Elevator Operator 1

Electrician 1

Employment Agent 1

Fireman 1

Florist 1

Furrier 1

Jeweller	1
Landlord	1
Mason	1
Mechanical Engineer	1
Motorman	1
Musician	1
Oil Agent	1
Newspaper Man	1
Photographer	1
Plasterer	1
Poultry man	1
Psychiatric Inspector	1
Proof Reader	1
Surveyor	1
Undertaker	1
School Inspector	1
Deceased	41
Duplicate registrations	44
Not specified	220
	1302

Convocation

The Convocation for the year was held on May 14th, 1926.

Total number of degrees granted-

In course 184
Ad eundem..... 13
Diplomas in Pharmacy..... 12

The following persons were admitted to degrees in the University:

Admitted to the Degree of Bachelor of Arts

Baker, Harold Mills
Barclay,Elsie Catherine (Second Rank Honours in English)
Boyle, Helen Murray
Brearley, Guy Gage
Brown,Gladys Violetta
Brydon,Donald Charles
Claxton, Herbert George
Cobb,Ethel(First Class Honours in History)
Cross, Elwand Elwin
Dalgleish, Lorna Emeline Agnes
Deeprose, William Albert
Edwards, Cecil Allan
Edwards, William Henry
Ellis, Frederick Elwin John Parkes
French,Gordon Cooper
Gimby,Marian Marguerette(First Class Honours in History)
Gish, Walter Kuhns
Hargrave,Thomas Campbell McKee (Second Class Honours in English)
Harrison,Robert Walter
Hutton,Arthur Ernest
Jagoe, Eva (First Class Honours in Mathematics)
Johnston, Fergus Duncan
Johnston,Gordon Charles
Kiteley,Sada Florence
Laverty,Charles Murray
Little,Gwendoline Ramsay(First Class Honours in French and Latin
MacAlpine,DorothyDesilets (Second Class Honours in English)
McCallum,Bertha
McDonald,Douglas Peter
MacMillan,Catherine Jane

Convocation

The Convocation for this year was held on May 16th, 1934.

Total number of degrees granted.

In course 158
At evening..... 13
Diplomas in Pharmacy..... 12

The following persons were admitted to degrees in the University:

Admitted to the Degree of Bachelor of Arts

Baker, Harold Willis
Barclay,Miss Cristeta (Second Prize Honours in English)
Boyle, Helen Mary
Brearley, Guy Eden
Brown,Gladys Violetta
Bryden,Donald Charles
Claxton, Herbert George
Cobb,Miss(First Class Honours in History)
Cross, Edward Ryan
Dalgleish, Doreen Dowling Agnes
Despreau, William Albert
Emerson, Oscott Allan
Emerson, William Henry
Ellis, Frederick Wells John Forbes
Fraser,Gordon Cooper
Gimby,Marian Marguerette(Miss Class Honours in History)
Glab, Walter Lobus
Hargrave,Thomas Campbell McKee (Second Class Honours in English)
Harrison,Robert Walker
Hutton,Arthur Edwards
Jagoe, Eva (First Class Honours in Mathematics)
Johnston, Evelyn Eleanor
Johnston,Gordon Charles
Kidsley,Hugh Florence
Lavery,Charles Murray
Little,Gwendoline Evelyn(First Class Honours in French and Latin)
McAlpine,Dorothy Beatrice (Second Class Honours in English)
McGuire,Bertha
McDonald,Douglas Peter
McWilliam,Gwendoline Anne

McQueen, Helen Agnes
MacGregor, James Grierson
MacGregor, John Watt
Manson, Mary (First Class Honours in Classics)
Martland, Ronald
Matheson, John Abner
Oke, David Jason Wesley
Richards, William Clarence
Riley, Daniel William
Selmes, Walter Ingval
Sherlock, Marjorie (First Class Honours in English)
Shiteh, Clifford Humphrey
Smith, George Blain
Sorenson, Gladys
Stade, Frederick John
Toby, Charlotte Gwendoline (First Class Honours in Moderns)
Torgerson, Lorine Arcene
Thompson, Edmund Jabez
Trout, Harry Bernard (First Class Honours in History)
Walker, Arthur Earl
Watson, William Ritchie
Watts, Ernest Ray
Watts, Morrison William LaBrash (Second Class Honours in Philosophy)
Williamson, Jean Huston (First Class Honours in Moderns)
Wilson, Anna Elizabeth

Admitted to the Degree of Bachelor of Arts, At Random

Bagnall, Lucy Ann
Densmore, Harlan Levi
Dixon, Frederick Bolton
Harper, Irene
Kirby, Judson Orville Cortes
Leonard, Arthur
Munro, Margaret
Sangster, Letitia Jean
Walker, Drayton Ernest
Wylie, Margaret

Admitted to the Degree of Bachelor of Commerce

Bain, Anne Myrle
Barker, Alfred Stanley
Clermont, Matilda Marie
Cooper, Marguerite Mary
Giffen, Robert Wesley
Henderson, James Ross
Iverson, Rose Christian
Jeffry, Charles Vernon
McLaren, William Lawrence
Manning, Alice Helen Jessop
Paterson, Louise Cook
Shulman, Louis William
Sprung, Donald Allan
Swinarton, Wilma Kathleen

Admitted to the Degree of B.Sc. in Arts

Anderson, Marjorie Mae (posthumous)
Atkinson, Grace Annette
Antrobus, Fred
Brewer, Randolph George
Cooper, Rose Henry
Freeman, Darcl Kenneth
Goodall, Donald Percy
Joyce, Alice Forsythe
Kuts, Russell Lawrence (First Class Honours in Chemistry)
Large, John McKay
McCallum, Malcolm Graham
MacNichol, Dorothy Isabel
Mueller, William Henry (Second Class Honours in Chemistry)
Revell, Andrew Murray
Scott, Bessie Hill
Smith, Freda Gertrude Morehouse
Sturrock, Murray Grey (First Class Honours in Chemistry)
Sutherland, John Walter (First Class Honours in Chemistry)

Admitted to the Degree of B.Sc. in Household Economics

Bard, Grace
Greta, Alice Byrett
Moyle, Winnifred Jean

Admitted to the Degree of B.Sc. in Pharmacy

Auger,Jean Audrey
Hooper,James Crawford,M.A.

Admitted to the Degree of B.Sc. in Civil Engineering

Cox, Alfred Kenneth
Grindley,Frank Llewellyn,B.A.
Muir,Charles Keith,B.A.

Admitted to the Degree of B.Sc.in Civil Engineering,At Sunium

Haddin, John

Admitted to the Degree of B.Sc.in Electrical Engineering

Ferguson,Francis Harold
Osterland,Clifford Donald

Admitted to the Degree of B.Sc. in Mining

Jones,Ellwyn Llewelyn
Knighton,George James
Moeling,Cyril Henry

Admitted to the Degree of Bachelor of the Science of Agriculture (B.S.A.)

Asplund,Charles Owen
Johnson,Edmund
Keer,Clarence Walter
Laurie,James Biggar
Mann,Eiland Henry Mark
Manson,James Mackintosh
Phillips,Harold Huntington
Prior,Kenneth Harold
Robinson,Wilfred
Taylor,Vaughn Pitner
Thomson,William James
Vernon,Cecil Gerald

Admitted to the Degree of B.Sc. in Engineering

Major,Leon Ansley
Major,James Crawford,M.A.

Admitted to the Degree of B.Sc. in Civil Engineering

Cox, Alfred Kenneth
Gerlach,Frank Llewellyn,B.A.
Hair,Charles Keith,B.A.

Admitted to the Degree of B.Sc.in Civil Engineering,As Duties

Hadden, John

Admitted to the Degree of B.Sc.in Electrical Engineering

Ferguson,Francis Ferrold
Osborland,Clifford Donald

Admitted to the Degree of B.Sc. in Mining

Jones,Miss.M Glenolyn
Knights,George James
Lenglen,Cyril Henry

Admitted to the Degree of Bachelor of the Science of Agriculture (B.S.A.)

Aspland,Charles Owen
Johnson,Edmund
Kerr,Clarence Walter
Lewis,James Bigger
Munn,Miss Mary Kirk
Newson,James Stockbridge
Phillips,Reuel Huntington
Porter,Kenneth Harold
Rogerson,Mildred
Sawyer,Vaughn Pilcher
Thomson,William James
Vernon,Cecil Gerald

Admitted to the Degree of Bachelor of the Science of Agriculture (B.S.A.) At Banff

Kisenbauer, Orlo Eli

Admitted to the Degree of B.Sc. in Agriculture

Anderson, John Ansel
Bedford, Robert Henry
Cook, William Harrison
Miller, William Wallace
Morrison, Walter Spence
Revell, John Erichsen
Thomas, Downs Hathaway

Admitted to the Degree of Bachelor of Household Economics (B.H. Ec.)

Bell, Mildred Hazel
Clutton, Victoria Rose
Redig, Jessie Mayo

Admitted to the Degree of Bachelor of Laws

Campbell, Clarence Sutherland, B.A. (with distinction), Rhodes Scholar elect
Clarke, Thomas, B.A.
Fitzsimon, Emily Louise
Gount, Robert Jackson, B.A.
Gerber, Claus Conrad, B.A.
Herbert, Walter Bertram, B.A.
Jamieson, Kenneth Richard, B.A. (with distinction)
Kirby, James Orville Coates, B.A.
Lynch-Staunton, Hardwick
Macdonald, Bruce John Stewart, B.A.
Machon, George Edward
MacMillan, William Aubrey, B.A.
McCorry, James, B.A.
Milvain, Valentine
Pearson, Frank Joel, B.A.
O'Brien, Joseph Wesley
Primrose, Philip Neil
Sansbury, Charles
Saucier, John James, B.A. (with distinction)
Thomson, Donald Walter
Wright, Orson Fayette

Admitted to the Degree of Bachelor of Arts

Arthur Edwin (E.A.) St Davids

Pembroke, Cape Town

Admitted to the Degree of B.Sc. in Agriculture

Anderson, John Lovat
Bedford, Sidney Henry
Cook, William Everiss
Miller, William Wallace
Murrison, Walter Seamer
Revell, John Brisbane
Thomas, Thomas Rickeby

Admitted to the Degree of Bachelor of Theology

Bangalore (M.E. Pa.)

Bell, William Thomas
Clinton, Victoria Nova
Reily, Jessie Hope

Admitted to the Degree of Bachelor of Laws

Campbell, Florence Gertrude, B.A. (with distinction),
Master Scholar elect
Chaffey, Thomas, B.A.
Fitzsimon, Philip Lewis
Evans, Robert Jackson, B.A.
Gerber, Clara Conrad, B.A.
Herbert, Walter Bertram, B.A.
Jackson, Kenneth Richard, B.A. (with distinction)
Kirby, Lucy Cecilia Cowen, B.A.
Lyons-Brunton, Havelock
Macdonald, Emma Jane Bennett, B.A.
Martin, George Edward
MacMillan, William Murray, B.A.
McCorry, Hugo, B.A.
Milvain, Walmsley
Pearce, Frank Lort, B.A.
O'Brien, Joseph Healy
Paterson, Philip Bell
Somerby, Charles
Sawtell, John Hugo, B.A. (with distinction)
Thomson, Donald Sutter
Wright, Orson Burnside

Admitted to the Degree of Bachelor of Laws, Ad Eundem

Willson, Norman Currie

Admitted to the Degree of Doctor of Medicine

Campbell, Ernest Albert
Connell, Elizabeth
Collip, James Bertram, M.A., Ph.D., D.Sc.
Genereux, Arthur George
Hamilton, Edith Georgina, B.A.
Harshaw, Edmund Yeaston
Kirkpatrick, William Alexa
Krause, Michael Eugene
Matas, Matthew
Megaw, Joseph, B.A.
Michie, Thomas Campbell
Saunders, Walter Gordon
Strilchuk, Nicholas Charles
Verreau, Emile Joseph
Ward, Albert Edgar
Watsyk, John

Admitted to the Degree of Master of Arts

Bagnall, Lucy Ann, B.A.
Cartwright, Herbert Daniel, B.A.
Cate, Eleanor Marion, B.A.
Deadman, Edith Frances, B.A.
Densmore, Harlan Levi, B.A.
Ferguson, James David, B.A.
Fershaw, William, B.A.
Gish, Walter Kuhns, B.A.
Jones, John Thomas, B.A.
Miller, George Mitchell, B.A.
Mishaw, Peter Alexander, B.A.
Morse, May, B.A.
Munro, Margaret, B.A.
O'Donnell, Cyril , B. Com.
Robinson, Claude Hill, B.A.
Ross, Wilfred Rush, B.A.

Admitted to the Degree of Bachelor of Laws.At Exeter

Williams, Norman Guerin

Admitted to the Degree of Bachelor of Medicine

Campbell,Thomas Alpers
Connell,William
Duffy, James Berkeley,M.A.,Ph.D.,D.Sc.
Emerson,Arthur George
Hamilton, Hilda Georgina,B.A.
Horsbon, Ellwood Theodore
Kirkpatrick, Phillip Alcock
Kreyer, Michael Eugene
Robb, Stanley
Rogers, Joseph, B.A.
Wilmshe,Thomas Campbell
Sumsion, William Denton
Underhill,Ralph Sherlock
Vercoe, Ralph Joseph
Wright,Albert Ernest
Wright, John

Admitted to the Degree of Master of Arts

Bagnall, Percy Ann, B.A.
Cartwright,Herbert Bernard,B.A.
Cole, Eleanor Martin,B.A.
Denham,Keith Preston,B.A.
Dymmock,Evelyn Lord,B.A.
Emerson,James David,B.A.
Fowden, William,B.A.
Glen, Walter Edina,B.A.
Jones, John Thomas,B.A.
Miller, Emmie Wigzell,B.A.
Milsom,Peter Alexander,B.A.
Moore, Roy, B.A.
Sleep,Bloomfield,B.A.
O'Donnell,Cyril , B. Com.
Robinson,Gladys Gill,M.A.
Vose,Mildred M.,B.A.

Admitted to the Degree of Master of Science

Ficht, Joseph Paul, B.Sc.
Lang, William Albert, B.Sc.
McAllister, John Wilfred, B.S.A.
Malloch, John Gordon, B.Sc.
Martin, William McKinley, B.S.A.
Matthews, Arnold Whitney, B.Sc.
Ward, Albert Stephen, B.S.A.

Admitted to the Degree of Bachelor of Education

Line, William, M.A.

Professional Examinations

Since Convocation 1935, the following persons have passed the examinations for Licence to Practise conducted by the University on behalf of the Affiliated Professional Societies:

Accountancy- Bruce, John

Dentistry- Hardin, S. J.

Medicine- Hardy, J.C.

Nursing- Adair, L.S.; Almond, H.E.; Anderson, T.; Attwood, Z; Barre, L.; Bell, F.M.; Belthouse, C.W.; Bonner, K.R.; Brecha, J.; Brown, L.A.; Broom, E. L.; Burry, M.C.; Cartier, E.J.; Cleary, A.M.; Colus, N.F.; Currie, J.R.; Cushing, E.C.; Dean. H.; Dickie, E.M.; Dillard, F.A.; Dittner, E.A.; Dockerty, D.M.; Douglas, E.J.; Duff, S.L.; English, E.A.; Eunis, D.E.; Exceffin, C.; Foerstal, E.L.; Ford, E.; Fraser, E.; Gilmour, G; Glassford, F.E.;

Admitted to the Degree of Master of Science

Pirie, Joseph Fred, B.Sc.
Lang, William Albert, B.Sc.
Mackintosh, Duke Wilfred, B.A.
Neilson, John Gordon, B.Sc.
Martin, William Keighley, B.A.
Matthews, Arnold Sidney, B.Sc.
Ward, Albert Stephen, B.A.

Admitted to the Degree of Bachelor of Education

Line, William, M.A.

Professional Examinations

Since Convocation 1920, the following persons have passed the examinations for Diploma in Practical and Theoretical Chemistry conducted by the University on behalf of the Affiliated Professional Societies:

Agriculture- Brown, John

Chemistry- Hawkin, S. J.

Metallurgy- Burdy, J.C.

Mining- Blair, I.S.; Almond, W.M.; Anderson, T.; Anderson, E; Burns, L.; Hall, F.W.; Pellmore, C. Bonner, W.R.; Brown, J.; Brown, L.A.; Brown, R. E.; Berry, M.C.; Carter, E.J.; Clarke, A.M.; Cullen, R.E.; Currie, J.R.; Dowling, E.C.; Dyer, E.; Dixie, H.M.; Hilford, E.S.; Hisner, W.A.; Hockey, F.M.; Hopkins, E.J.; Hurd, S.C.; Hughes, E.L.; Hunter, D.E.; Kennedy, C.; Kerrell, H.L.; Kent, W.; Kraser, E.; Gilmour, M; Gladwell, F.W.

Nursing (continued)

Godbout, L.E.; Goodwin,M.S.; Greenwalt, E. C. ;
Hamma, E. W. ; Henning,M. J.; Hockley,E.;
Holbrook,E.; Hudson, J.V.; Huxley, I.M.;
Jarrett, M.A.; Johnson,E.I.; Kelley,E.M.;
Kearney, D.; Kerr, L.; Knudsvig,L.; Kocher, M. I.;
Landry, M.; Lawrence, M. L.; Lord, E.B.; Lorse,F.;
McBride,I.; McDermott, E.J.; McDiarmid, C.M.;
MacDonald, E.J. ; MacDonald, K.S.; MacDonald, M.K.;
McDowell, J. C.; McGregor, I.S.; MacInnes, S.E.;
McKee, E.A.; MacKenzie, M.; McLaughlin, M.M.;
McLean, F.M; McLeod, M.A.; McLeod, B.;
Miller, E.M.; Molnâier, A.; Morony,M.;
Morrow, M.C.; Nash, S.M.; Nelson,D.E.;
Oliver, J.A.; Oliver, A.C.; Olsen, M.;
Parry, J.E.; Plumly, M.; Philip, H.;
Reid, E.B.; Rioux, J.; Riley, L.;
Robbins, B.M.; Rothwell, S.; Rowsell,A.;
Roy,L.; Scratch, V.E.; Schlichtman,V.;
Sheehan, M.C.; Smith, M.H.; Smith, M.M.;
Smith, M.; Stinker, C.; Stenberg, B.J.;
Stocking, D.; Stubley, C. L.; Taylor,M.A.;
Thom, E.A.; Turner, M.; Watson, E.S.;
Williams, M.; Wilson, J.; Weysmitha,C.;
Young, B.; Zielinski, M. L.

Nursing (continued)

Academic Work

The Reports of the various Deans show that the academic work of the year was carried on in a thoroughly satisfactory manner. The percentage of those passing the examinations and obtaining high standing in the University was much the same as in previous years.

During the session, the question of double courses in Arts and Applied Science was brought under review. It was found that some of those taking the double courses were apparently not well enough equipped to carry on the work of such an exacting character. After careful consideration the new regulations were drawn up and passed by the Senate, designed to limit the admission to the double courses to students who had shown themselves of more than the average ability.

Quite recently, a demand has arisen among the students in Chemistry for a course leading more directly to a degree in Chemical Engineering in the Faculty of Applied Science. This has grown out of the fact that today the demand for chemical engineers in industrial institutions has become considerable. While the University authorities felt that we could not undertake to create new courses for this purpose, nevertheless a rearrangement of the subjects already taught in the Department of Chemistry was made for the purpose of giving students desiring chemical engineering somewhat specialized instruction. This course has received the sanction of the Senate and will be put in operation during the coming year.

Attention is called to one striking development in the Faculty of Law. A few years ago, most of the law students

The Freshman Committee

In preceding Reports several references has been
called to the work of the Freshman Committee. It will be recalled
that this Committee was organized on the authority of the Senate
for the purpose of giving adequate supervision to the work of students
entering the University for the first time in the autumn of the
first and second years. It begins the work of registration by
a careful study of the standing which a student has obtained in
the examinations conducted by the Department of Education.
Following this, each student is assigned to an adviser selected
from among the members of the teaching staff giving instruction
in the first two years. The purpose of establishing this
relationship is to make sure that students coming from
school receive such direction as will enable them to select thereafter
into the system of university instruction. During the year,
every new student in the Faculty of Arts and Science is required
to reply to a questionnaire the purpose of which is ascertain

first, his reasons for entering the University and second, whether or not he has already selected a vocation to be followed after graduation. In case he has not already made the latter decision, he is put into direct contact with those members able to advise him, first with regard to the opportunities which are open in various callings and ,second, if he has special qualifications ,guide him in the selection of courses in the University which will enable him to make the best use of his particular talents. As a consequence, at the end of a year's work, in forming a judgment of the student the faculty have the advantage of an intimate knowledge of his character and capacity as well as of the showing he has made in the tests and examinations. Each year, a few are required to withdraw because in the opinion of the Committee they are either unfitted for the work of the University or have proved themselves unwilling to undertake the discipline necessary to succeed in university courses. On the other hand,those who are most eminently fitted for higher work are encouraged to enter the more special courses. In the opinion of the University authorities it is of first importance that brilliant students should be early recognised and given every incentive to follow lines of work that would call for the highest quality of mind that they possess. During the year,three hundred and six students entering the University for the first time were put under the supervision of this Committee. Of these,ten were required to withdraw from the University by the General Faculty on report of the Freshman Committee,while in some other cases communication was had with parents or guardians definitely raising the question as to the advisability of their returning.

Courses for Teachers

In our last Report reference was made to the courses in Educational Psychology being given in Edmonton and Calgary to the teachers in the two cities. The courses in Calgary were discontinued during the year 1935-36 due to the fact that there were not enough persons taking the courses to warrant the expenses associated with it. On the other hand, the University, sensible to its obligations to the provincial teaching profession in general, a year ago, asked the Senate to adopt in principle a plan for the reorganization of the Summer Session by means of which the progress of teachers in active service might be expedited towards the degree. The details of this plan as published in the Summer Session Announcement haveboen received by the teaching profession of the Province and there is good reason to anticipate that the registration under the new scheme will be very much increased. By this method teachers may attend the Summer Session for certain selected courses in which instruction is given involving a general treatment of the subject matter of the courses concerned. Further detailed private study is then carried on individually during the winter while the teachers are engaged in their regular teaching duties. By spring the whole course is covered and the examinations taken at the time of the regular University examinations. This plan, which is being confined wholly to those in the active work of the teaching profession , will enable a teacher to finish a course leading to the degree of B. A. in five years.

Students Studying Abroad

A number of students of the University of Alberta are studying in foreign universities, some as the result of scholarships awarded within the Province and others have secured scholarships from the universities where they are studying. The following list of those studying and the auspices under which they are studying is an indication of the growth of this tendency on the part of our Honour students:

Under the Rhodes Scholarship system a three years' course of study has been made available to Messrs. John M. Cassels, E. H. Gowan, and Clarence Campbell.

Under the 1851 Exhibition Science Research Scholarship, Mr. C. L. Huskins is pursuing a course of study at the University of London.

Mr. James Brown is studying at the University of London by reason of a scholarship granted by the Imperial Order of the Daughters of the Empire.

Miss Lillian Cobb, M.A. is studying in France under the Bursary offered by the French Government.

A considerable number of our graduates in Agriculture have obtained scholarships and fellowships in foreign universities: Scholarships have been secured at the University of Minnesota by Messrs. J. G. Mallock, T. H. Mather, Allan Mail, and T. W. Grindley.

Academic Distinction Abroad

A number of students of the University of Alberta are studying in foreign universities, some as the result of scholarships granted within the Province and others as holders of scholarships from the universities where they are studying.

The following list of those studying and the countries under which they are studying is an indication of the growth of this tendency on the part of our Province students:

Under the Rhodes Scholarship system three years' course of study has been made available to Messrs. John M. Cassels, B. M. Dowse, and Clarence Campbell.

Under the 1851 Exhibition Science Research Scholarship, Mr. C. L. Wenkins is pursuing a course of study at the University of London.

Mr. James Munro is studying at the University of Toronto by reason of a scholarship granted by the Imperial Order of the Daughters of the Empire.

Miss Hilton Cobb, M.A., is studying in Prague under the Bursary offered by the French Government.

A considerable number of our graduates in Agriculture have obtained scholarships and fellowships in Foreign universities: Scholarships have been awarded at the University of Minnesota by Messrs. J. G. Wallace, K. H. Miller, Allan Wall, and T. W. Grimley.

Discipline

Considerable progress has been made during the past session in realizing the principle of student self-discipline as embodied in the Constitution of the Students' Union. In all cases where disciplinary measures are required action was commenced by the students themselves, and the proceedings of the Students' Court have been characterized by dignity and fairness. All judgments have been confirmed by the Committee on Student Affairs. There were no offences of a serious nature. Particular mention should be made of the excellent work of the House Committee. As a result of the efficient manner in which the Men's House Committee has handled the discipline of the Men's Residence, arrangements are being made to give this Committee a greater degree of authority in dealing with cases of discipline which are of special concern to the students in residence.

Athletics

During the past session the Rugby Team won the Provincial Rugby Championship; the Track Team came second in the Inter-University Meet in Winnipeg; the Women's Hockey Team brought back the Rose Trophy from the University of Manitoba. A special feature of University athletics is the inter-year and inter-faculty competitions in the various sports in which an ever increasing number of students participate. This means that athletes are being developed not merely to compete with other universities or outside organizations but to give the maximum opportunity for physical development and recreation to the student body at large.

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Athletics

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Medical Services

During the session the usual high standard of the Medical Services was maintained.

One hundred and eleven cases were treated in the Infirmary of which eighty three were resident and twenty three non-resident students, the remaining five cases being employees of the University.

The Resident Physician made approximately four hundred visits to the Infirmary and about thirty eight visits to outside students. He gave 1682 treatments for various kinds of ailments, of these 1504 were to resident students and 178 to non-resident students.

For example, some of the infirmities treated were as follows:

Appendicitis, Bronchial Asthma, Bronchitis, Conjunctivitis, Debility, Diabetes, Diphtheria, Empyema, Erythema, German Measles, Gas Poisoning, Hysteria, Influenza, Influenza, Intestinal Colic, Injuries to Back, Chest, Foot, Knee, Leg, Thigh, Measles, Nervous Breakdown, Paresis of Leg, Pyelitis, Rheumatism, Scarlet Fever, Shingles, Sinusitis, Tonsilitis, Tuberculosis of the Foot, Vincent's Angina.

Student Organizations

The activities of the various student organizations are indicated by the fact that over four hundred and fifty meetings were arranged for by the Schedule man during the session. A feeling is growing among the students that there are too many clubs and too much organization generally, and an effort will be made during the coming session to study the whole situation with a view to consolidating some of these activities and thus decrease the demands made upon individual students who are responsible for the work involved. These organizations are for the most part doing excellent work. The Debating Society brought back to the University the McGoun Cup, emblematic of the Inter-Western Debating Championship. This society also made all arrangements for the Imperial Debate which again filled the Empire Theatre. The Dramatic Society gave two public performances which were well received. The Orchestra and Glee Club have made excellent progress during the past session and in addition to several public appearances gave a programme over the radio which was much appreciated by the public. The various faculty and departmental clubs have without doubt contributed much to the intellectual life of the University. Various club luncheons have been held in the dining-room at which addresses have been given by outstanding members of the various professions.

The Gateway, the students' publication, has continued to develop as a medium for the expression of student life and student opinion, and has received many flattering comments upon its success from other universities.

The Library

The work of the Library during the past year has shown a steady increase in all branches, and the use made by the students of the library facilities continues to be in every sense satisfactory. No record is kept of the total circulation of books, but a careful estimate shows the striking fact that in the Law Library alone the total number of times a book is consulted during the term is some seventy-five thousand.

The Congress of the Universities of the British Empire

During the latter part of June and the first part of July, 1926, the Congress of the Universities of the British Empire was held in Cambridge, England. According to custom, the year in which the Congress of the Universities of the British Empire is held the Conference of Canadian Universities is withdrawn. The University of Alberta was represented at the Congress by Dr. J. M. MacEachran and Dr. R. W. Downs. The Report of the Proceedings of the Congress which is now to hand and which will be carefully studied shows that matters of very great interest to education generally within the British Empire were discussed and resolutions of importance passed with respect to future development.

The Library

The work of the Library during the past year has shown a steady increase in all branches, and the use made by the students of the library facilities continues to be in every sense satisfactory. No record is kept of the total circulation of books, but a careful estimate shows the startling fact that in the Law Library alone the total number of times a book is examined during the term is some seventy-five thousand.

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Donations

The most outstanding gift of the year was the Memorial Organ. Shortly after the close of the War an effort was made to raise a fund to build a suitable memorial to the men of the University who fell overseas. Owing to the financial depression which followed the War it was found impossible to raise sufficient funds. In 1934, however, the effort to raise the money was revived, the collections for the purpose being taken over by the Alumni Association. Due to their efforts a sum of approximately $14,000 was raised and the beautiful organ which now stands in Convocation Hall was purchased from Messrs. Casavant Freres, St. Hyacinth, Quebec, and completed in time for the dedication services on Armistice Day, 1935.

We have been fortunate in having upon the staff of the Department of Physics, Mr. L. H. Nicholls who is a competent organist. He has been keenly interested in seeing that the student body receives the full benefit of the presence of the organ in their midst. Weekly organ recitals have been given which have been largely attended. In addition, two distinguished organists from out of town, Messrs. Arthur E. Egerton, Mus. Bac., F.R.C.O. and Dr. Ernest MacMillan, Director of the Toronto Conservatory of Music, gave recitals during the year and the following organists from within the city contributed recitals: Messrs. Vernon Barford, Herbert Wild and F. J. Harding. It is believed that the organ will become an important factor in the development of a wholesome atmosphere within the University.

Donations

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for the purpose being taken over by the Alumni Association. Due
to their efforts a sum of approximately $14,000 was raised and the
beautiful organ which now stands in Convocation Hall was purchased
from Messrs. Casavant Freres, St. Hyacinth, Quebec, and completed
in time for the dedication services on Armistice Day, 1930.

We have been fortunate in having upon the staff of the
Department of Physics, Mr. I. M. Nicholls who is a consistent organist.
He has been largely instrumental in urging that the students begin
receiving the full benefit of the presence of the organ in their midst.
Many organ recitals have been given which have been largely attended.
In addition, two distinguished organists from out of town, Messrs.
Arthur E. Egerton, Mus. Doc., F.R.C.O. and Dr. Harold Saunders,
Director of the Toronto Conservatory of Music, gave recitals during
the year and the following organists from within the city contributed
recitals thereto. Messrs. Herbert, Bertram Fitt and R. S. Hosking.
It is believed that the organ will become an important factor in the
development of a wholesome atmosphere within the University.

During the year,we also received:

A splendid gift of economic minerals typical of the Province of Quebec mining industry which was made to the Geological Museum through the Hon. J. E. Perrault,Minister of Colonization,Mines and Fisheries. The specimens are of magnificent quality and are a real addition to our museum .

To the Canmore Coal Company through Mr. M. E. Morrow the University is indebted for the gift of a large picture representing mountain scenery at Canmore.

The Survey School received a donation of a surveyor's level from W. J.Dick of Edmonton.

An annual prize to the value of $25 to be known as the Canadian Northland Prize was offered by Mr. J.F.K.English,a graduate of the University for an essay dealing with the resources of Northern Canada. The prize will be open to any undergraduate students whose work hastaken them to the northland and the material of the essay must be based,in part at least, on actual observations made in the field.

During the year we also received:

A splendid gift of geological specimens typical of the Precious Metals Belt of Quebec which was made to the Geological Museum through the Hon. J. E. Perrault, Minister of Colonization, Mines and Fisheries. The specimens are of exceptional quality and are a real addition to our museum.

On the Campus Coal Company through Mr. H. E. Wrenn the University is indebted for the gift of a large picture representing mountain scenery at Canmore.

The Surrey School received a donation of a surveyor's level from R. J. Dick of Lucerne.

An annual prize to the value of $25 to be known as the Canadian Institute Prize was offered by Mr. J.M.K. Mattick, a graduate of the University for an essay dealing with the resources of Northern Canada. The prize will be open to any undergraduate students whose work heretofore that to the satisfied and the necessity of the essay must be based in part at least, on actual observations made in the field.

Publications by University Staff

Attention has been repeatedly called to the amount of original work being done by the university staff. The following list of publications shows that in this respect the University stands high among the universities of Canada. The work represented in these publications was mainly done in the spare time of the teaching staff without compensation and often without any financial provision for equipment. The whole of the work done in the Biochemical Laboratories as well as the necessary equipment has been provided through the generous donation to research of the royalties on insulin by the discoverer of that important therapeutic agency. The National Research Council provided the means for carrying on most of the fundamental research work done in the Agronomy Department. For work done under the various literary departments we are indebted to the libraries of some of the American universities, especially the University of Chicago whose loans of books to us have been continuous and generous beyond praise. For research in the Department of Physics we are indebted almost wholly to the National Research Council for funds to purchase equipment. The same applies to the metallurgical investigations in the Department of Mining. The heads of some of these departments have made for themselves international reputations. I wish to record my deepest appreciation and gratitude to the members of the staff for the spirit of loyalty to the University and to knowledge which they continued to show.

Publications by University Staff

Attention has been repeatedly called to the amount of original work being done by the university staff. The following list of publications shows that in this respect the University stands high among the universities of Canada. The work represented in these publications was mainly done in the spare time of the teaching staff without compensation and often without any financial provision for equipment. The whole of the work done in the Biochemical Laboratories as well as the considerable equipment has been provided through the generous donation in research of the royalties on insulin by the discoverers of that important therapeutic agency.

The National Research Council provided the means for carrying on most of the fundamental research work done in the Astronomy Department. For work done under the various fellowship departments we are indebted to the liberality of some of the American universities,especially the University of Chicago whose issue of bonds to the above loan continues and promises future returns. Our research in the Department of Physics we are indebted almost wholly to the National Research Council for funds to purchase equipment. The work applies to the metallurgical investigations in the Department of Mining. The books of some of these departments have been for theoretical instructional recitations. I wish to return my deepest appreciation and gratitude to the members of the staff for the spirit of loyalty to the University and to investigations which they mentioned to show.

Publications by the University Staff

President Tory:

"The Relation of Science to Industry and Agriculture", Dominion Boards of Trade Report, 1936.

"Report of National Research Council, 1935-36" published by the Dominion Government.

The Department of Agricultural Engineering

By Professor J. MacGregor Smith:

"Plows and Plowing", University of Alberta Agricultural Bulletin No 6 (Second Edition);

"Binder and Knotter Troubles", University of Alberta Agricultural Bulletin No 10 (Second and Revised Edition)

The Department of Anatomy

By Dr. R. F. Shaner, Associate Professor of Anatomy:

"The Development of the Digestive Tract and its Arteries in Reptiles", Anatomical Record, Vol. 50, July 1935.

"The Development of the Skull of the Turtle, with Remarks on Fossil Reptile Skulls", Anatomical Record, Vol. 38, April 1936.

Publications by the University Staff

President Tory:

"The Relation of Science to Industry and Agriculture",
Dominion Bureau of Trade Reports,1920.

"Report of National Research Council,1919-20"
published by the Dominion Government.

The Department of Agricultural Engineering

By Professor I. MacGregor Smith:

"Plans and Planting",University of Alberta Agricultural
Bulletin No 6 (Second Edition);

"Winter and Sanitary Troubles", University of Alberta
Agricultural Bulletin No 10 (Second and Revised Edition)

The Department of Zoology

By Dr. H. V. Shaver,Associate Professor of Anatomy:

"The Development of the Digestive Tract and its
Derivates in Reptiles", Anatomical Record,Vol. 20,
July 1921.

"The Development of the Skull of the Turtle,with
Remarks on Fossil Reptile Skulls", Anatomical
Record,Vol. 22, April 1922.

Department of Animal Husbandry

By Professor J. P. Sackville:

"Age as a Factor in Profitable Steer Feeding", University of Alberta Agricultural Bulletin No. 13, November, 1926.

"The Production of Fall Pigs in Alberta", University of Alberta Agricultural Bulletin No.7 (Second Revised Edition, June, 1926)

Department of Botany

By Professor F. J. Lewis and Miss E. S. Dowding:

"The Vegetation and Retrogressive Changes of Peat Areas in Central Alberta, 6 plates and six figures in text", Journal of Ecology, Vol. XIV, 1926, p.317-341.

By Assistant Professor M. K. Moss:

"Parasitism in the Genus Comandra", New Phytologist XXV. 14 pp., 1926, (nine figures in the text)

"The Uredo Stage of Puccinia stramea", Annals of Botany, XL, 35pp., 1926 (1 plate and 21 text-figures)

Departments of Natural Resources

By Professor J. P. Bentzilis:

"Age as a Factor in Predictable Sheep Feeding", University of Alberta Agricultural Bulletin No. 12, November,1919.

"The Production of Milk Fish in Alberta", University of Alberta Agricultural Bulletin No.7 (Second Revised Edition, June,1920)

Department of Zoology

By Professor M. J. Lewis and Miss E. M. Dowling:

"The Vegetation and Petrographic Character of Peat Areas in Central Alberta, 6 plates and six figures in text", Journal of Botany, Vol. XIV, 1916, p.217-241.

By Assistant Professor R. E. Moore:

"Parasitism in the Domes Community", New Phytologist XXV, 14 pp.,1926. (nine figures in the text)

"The Fresh Water of Pneumatophores", Journal of Botany, XL, 1902.. 1910 (1 plate and 31 text-figures)

Department of Bacteriology

By Dr. A. C. Rankin, Dean of the Faculty of Medicine:

"Preliminary Report to the Tuberculosis Committee of the National Research Council on Calmette's B.C.G. Vaccine", May 1936.

Department of Biochemistry

By Dr. J. B. Collip:

"The Internal Secretion of the Parathyroid Glands", Proceedings of the National Academy of Science, Vol. 11, No. 8, August, 1925.

"The Clinical Use of the Parathyroid Hormone", The Canadian Medical Association Journal, Vol. 15.1180, 1925.

"The Internal Secretion of the Parathyroid Glands", International Clinics, Vol. 3, series 35.

"The Parathyroid Hormone and its Physiological Action", Annals of Clinical Medicine, Vol. 4, No. 3, September 1925.

"The Parathyroid Glands", Medicine, Vol. 5, No. 1, February 1926.

"A Study of Parathyroidectomized Rabbits", The American Journal of Physiology, Vol. 76, No. 1, March 1926.

Department of Biochemistry

By Dr. J. B. Collip:

"The Internal Secretion of the Parathyroid Glands",
Proceedings of the National Academy of Science,
Vol. II,No.8, August,1925.

"The Clinical Use of the Parathyroid Hormone",
The Canadian Medical Association Journal,
Vol. IX,1926, 1926

"The Internal Secretion of the Parathyroid Glands",
International Clinics, Vol. 3, series 36.

"The Parathyroid Hormone and its Physiological Action",
Annals of Clinical Medicine, Vol. 4, No. 3, September
1925.

"The Parathyroid Glands", Medicine,Vol. 5,No.1,
February 1926.

"A Study of Parathyroidectomized Rabbits",The
American Journal of Physiology, Vol. 78,No.1,March
1926.

Department of Biochemistry (cont'd)

"The Production of some of the Phenomena peculiar to Parathyroid overdosage in Dogs by means of certain Inorganic Salts", The American Journal of Physiology, Vol. LXXVI, No.3, April 1926.

By Dr. J. B. Collip and Dr. E.P.Clark:

"Further Studies on the Physiological Action of a Parathyroid Hormone", The Journal of Biological Chemistry, Vol. LXIV, No. 3, June 1925.

"The Preparation, Physiological Properties and Method of Standardization of a Parathyroid Hormone" , Transactions of the Royal Society of Canada, Vol. 19,Third Series,1925.

"Further Studies of the Parathyroid Hormone, Second Paper", Journal of Biological Chemistry, Vol. LXVI,No. 1, November 1925.

"Concerning the Relation of Guanidine to Parathyroid Tetany", The Journal of Biological Chemistry, Vol. 67, No. 3, March 1926.

"A Procedure for the determination of Urea in Folin-Wu Blood Filtrates by the Autoclave Method", Journal of Biological Chemistry, Vol. LXVII, No 3, March 1926.

"The Production of some of the Pheomorm peculiar
to Parathyroid overdosage in Dogs by means of
certain Inorganic Salts", The American Journal
of Physiology, Vol. LXXVI, No.3, April 1926.

By Dr. J. B. Collip and Dr. E.P.Clark:
"Further Studies on the Physiological Action of a
Parathyroid Hormone", The Journal of Biological
Chemistry, Vol. LXIV, No. 3, June 1925.

"The Preparation, Physiological Properties and
Method of Standardization of a Parathyroid
Hormone" , Transactions of the Royal Society
of Canada, Vol. 19,Third Series,1925.

"Further Studies of the Parathyroid Hormone,
Second Paper", Journal of Biological Chemistry,
Vol. LXVI,No. 1, November 1925.

"Conserving the Potation of Chemicals to Parathyroid
Tetany", The Journal of Biological Chemistry,
Vol. 67, No. 3, March 1926.

"A Procedure for the Fractionation of Pepsin in
Polin-Wu Blood Filtrates by the Quinaldine Method",
Journal of Biological Chemistry, Vol. LXVII,
No 2, March 1926.

Department of English

By Professor E. K. Brandus:

"A New Life of Keats", Canadian Forum, July, 1936.

"William Paton Ker", Canadian Forum, July 1936.

By Professor E. K. Gordon:

"Three Men in Old Canada West", Blackwood's Magazine, May, 1936.

By Mr. A. E. Jowitt:

"Early Halifax Theatres", Dalhousie Review, January 1936.

Department of Entomology

By Professor E. M. Strickland:

"Tineoroea of Alberta", University of Alberta. Research Bulletin, No. 2 .

Department of Zoology

By Professor E. K. Brandon:

"A New Life of Keats", Canadian Forum, July, 1920.

"William Penn Rule", Canadian Forum, July 1920.

By Professor R. K. Gordon:

"Three Men in Old Canada Town", Bloomwood's
Magazine, May, 1920.

By Mr. A. E. Jowitt:

"Early Baltic Theatre", Baltimore: Poetry Journal, 1920.

Department of Entomology

By Professor K. E. Brinkland:

"Wireworms of Alberta", Dalmorelig of Alberta.

Research Bulletin, Pg. 3 .

Department of Field Husbandry

By Professor R. Newton and Mr. J. G. Malloch:

"Wheat Quality and Environment", I-II , Scientific Agriculture, Vol. 6, No.1,pp. 14-36, Sept. 1925.

By Prof. R. Newton, Mr. W. H. Brown and Mr. W.M. Martin:

"The Extraction of Plant Tissue Fluids and their Utility in Physiological Studies", Plant Physiology,Vol. 1, No. 1, pp. 57-65, January,1926.

By Associate Professor J. B. Fryer and Mr. C. L. Huskins:

" The Origin of False Wild Oats", Scientific Agriculture, Vol. 6, No.1, pp. 1-13, September,1926.

By Mr. C. L. Huskins:

"Chromosomes in Avena" , Nature, Vol. 115, No. 2897, pp. 677-678, May 8th,1926.

"Genetical and Cytological Studies of the Origin of False Wild Oats", Scientific Agriculture, Vol. 6, No. 9, pp.303-313, May,1926.

By Assistant Professor Buckley:

"Growing Sweet Clover", University of Alberta Agricultural Bulletin, No.2 (Revised), February 1926 .

Department of Field Husbandry

Department of Geology

By Professor John A. Allan:

"Geological Map of Alberta", Map No. 10, Scientific and Industrial Research Council of Alberta, December, 1935. In 14 colours, scale 1 inch to 20 miles. (This is the first geological map of Alberta that has been published)

"The Relation of the Geology to the Soils in the MacLeod Sheet", University of Alberta Agricultural Bulletin No. 11, Appendix II.

"Work on Geological Survey Division during 1935", Included in Report No. 16, Sixth Annual Report of the Scientific and Industrial Research Council of Alberta, 1936, pp 38-46.

"Geological Map of Alberta" in Black and White, Scale 1 Inch to 60 Miles. Base taken from Map No. 10, Accompanies Report No. 16, Scientific and Industrial Research Council of Alberta, 1936.

"Ice Crystal Markings", American Journal of Science, Vol. XI, June, 1936, page 494.

"Alberta Enters the Petroleum Arena", Canadian Opportunities, May, 1936, page 11.

Direction of Geological Report No. 15 and Map No. 11, compiled by Dr. R. L. Rutherford.

Publications of Staff

By Professor John A. Allan:

"Geological Map of Alberta", Map No. 10, Scientific and Industrial Research Council of Alberta, December, 1929. In 12 colours, scale 1 inch to 32 miles. (This is the first geological map of Alberta that has been published)

"The Relation of the Cockroach to the Soils in the Wheat Areas", University of Alberta Agricultural Bulletin No. 11, April, 1921.

"Work on Geological Survey Division during 1929", Summary in Report No. 15, Sixth Annual Report of the Scientific and Industrial Research Council of Alberta, 1929, pp 38-46.

"Geological Map of Sturgeon River Coal Basin, Scale 1 inch to 80 miles". Map (also Area Map No. 19, Addendum Report No. 18, Scientific and Industrial Research Council of Alberta, 1928.

"Ice Crystal Markings", American Journal of Science, Vol. XI, June, 1926, page 494.

"Alberta Enters the Petroleum Arena", Canadian Geographical, May, 1925, page 11.

Direction of Geological Reports No. 15 and Map No. 11, compiled by Dr. E. K. Rutherford.

Department of Geology (cont'd)

By Associate Professor F.H. Warren

" A Marine Fauna in the Birch Lake Sandstone, Alberta", Transactions of the Royal Society of Canada, Vol. XX, Section IV, 1926, page 1, with 14 Figures.

"The Invertebrate Fauna of the Upper Part of the Edmonton Formation on the Red Deer River, Alberta," Transactions of the Royal Society of Canada, Vol. XX, Section IV, 1926, Page 1, with 14 Figures.

By Assistant Professor R. L. Rutherford:

"Geology of the Area Between Athabaska and Embarras Rivers, Alberta", Scientific and Industrial Research Council's Report No 18, 1925, 29 pages, 3 plates, 1 Geological Map.

"Map No. 11, Geological Map of Area Between Athabaska and Embarras Rivers, Alberta" in three colours, Scale 1 inch to two miles.

By Mr. L. S. Russell, Assistant in Geology

"A New Species of the Genus Catopsalis Cope from the Paskapoo Formation of Alberta", American Journal of Science, Vol. XII, 1926, page 230.

"Ice Crystal Markings", American Journal of Science, Vol. XI, 1926, page 488.

By Associate Professor E.H. Moss

"A Marine Fauna in the Rimrock Lake Depressions, Alberta",
Transactions of the Royal Society of Canada, Vol. XX,
Section IV, 1926, page 1, with 12 figures.

"The Invertebrate Fauna of the Upper Part of the Edmonton
Formation on the Red Deer River, Alberta." Transactions
of the Royal Society of Canada, Vol. XX, Section IV,
1926, Page 1, with 12 figures.

By Assistant Professor R. D. Rutherford:

"Geology of the Area Between Athabasca and Kinbrook
Rivers, Alberta", Scientific and Industrial Research
Council's Report No. 18, 1927, 78 pages, 3 plates,
1 Geological Map.

"Map No. 22, Geological Map of Area Between Athabasca and
Beaverhe Rivers, Alberta" in three colours, Scale 1 inch
to two miles.

By M. E. S. Russell, Assistant in Geology

"A New Species of the Genus Protoplatin Cope from the
Paskapoo Formation of Alberta", American Journal of
Science, Vol. VII, 1924, page 320.

"The Crystal Morphism", American Journal of Science,
Vol. XI, 1926, page 230.

Department of History

By Professor A. L. Burt:

The Makers of Canada Series, Oxford University Press.
A.G. Bradley, Lord Dorchester, and Joan M. McIlwraith,
Sir Frederick Haldimand, edited with notes and appendices
by A. L. Burt.

"What is Canada?" , University of Alberta Press Bulletin,
January 8th,1926.

"Peace in the Heart of Europe", University of Alberta Press
Bulletin, January 22nd,1926.

Department of Mining

By Associate Professor A. E. Cameron:

"The Determination of Arsenic in Steel", Journal of
Industrial and Engineering Chemistry, September,1925.

" By Associate Professor A. E. Cameron and
Mr. G. B. Waterhouse:

" The Effects of Arsenic on Steel", Journal Iron and
Steel Inst. No.1, Vol. CXIII, 1926.

Department of Modern Languages

By Professor M. Senet:

"Voltaire et l'Influence Anglaise", 1 vol. Rennes, France.

Department of Physics

By Professor R. W. Boyle and Mr. C. B. Taylor:

"Reflecting Powers of Various Materials for Ultrasonic Waves", Transactions Royal Society of Canada, 3rd Series, XX, Section III, 1926.

"Further Experimental Researches in Ultra-Sonics", Report in National Research Council of Canada, April 1926.

By Professor R. W. Boyle, and Mr. C. D. Reid:

"Practical Experiments on the Detection of Icebergs and on Sounding by Means of an Ultrasonic Beam", Transactions Royal Society of Canada, 3rd Series, XX, Section III, 1926.

By Professor Stanley Smith and Associate Professor R. J. Lang:

"Greater Dispersion in the Ultraviolet", Journal of the Optical Society of America, May, 1926.

Department of Modern Languages

By Professor E. Benoit:

"Voisins et Infidèles Anglais", 1 vol. Bennes, Nimes.

Department of Physics

By Professor R. T. Doyle and Mr. G. B. Tolmie:

"Reflecting Powers of Various Materials for Ultraviolet Waves", Transactions Royal Society of Canada, 3rd Series, XX, Section III, 1926.

"Further Experimental Researches in Ultra-Sonics", Report in National Research Council of Canada, April 1926.

By Professor R. W. Boyle and Mr. G. B. Reid:

"Practical Experiments on the Detection of Icebergs and on Sounding by Means of an Ultrasonic Beam", Transactions Royal Society of Canada, 3rd Series, XX, Section III, 1926.

By Professor Stanley Smith and Associate Professor E. J. Lussy:

"Traveler Diversion in the Ultraviolet", Journal of the Optical Society of America, May, 1926.

Department of Physiology

By Professor A. W. Downs and Assistant Professor H. E. Eddy:

"Secretin IX, Its Relation to the Activity of Skeletal Muscle", American Journal of Physiology, 1926, LXXIV, 489.

"Blood Regeneration", The Canadian Medical Association Journal, XVI, 391, 1926.

Department of Political Economy

By Professor D. A. MacGibbon:

Five Articles on Western Canada for the new Edition of the Encyclopaedia Britannica.

"Traffic Routes for Canadian Grain" (Pamphlet)

"Canadian Tariff Commission", Article in the Journal of Canadian Bankers' Association, January, 1926.

"The Western Grain Route", Article for the special edition on Canada of the Christian Science Monitor.

Department of Physiology

By Professor A. V. Bourne and Assistant Professor
H. H. Bligh:

"Exercise IX, Its Relation to the Activity of Hepatic-
Muscle", American Journal of Physiology, 1933, LXXIV, 499.

"Blood Regeneration", The Canadian Medical Association
Journal, XVI, 391, 1926.

Department of Political Economy

By Professor D. A. MacGibbon:

"An Article on Western Canada for the new Edition of
the Encyclopaedia Britannica.

"Traffic Routes for Canadian Grain" (Pamphlet)

"Creating Tariff Commission", Article in the Journal
of Canadian Bankers' Association, January, 1934.

"The Western Grain Farmer", Article for the Montreal edition
of Canada of the Christian Science Monitor.

Department of Soils

By Professor F. A. Wyatt:

"Factors affecting the Productivity of Western Canadian Soils", Scientific Agriculture, Vol 6, No. 3, November 1925.

By Professor F. A. Wyatt, Associate Professor J.D. Newton, Dr. J. A. Allan; with Messrs. J.L. Doughty, A.S. Ward and T.H.Mather assisting:

"Soil Survey Report of Macleod Sheet, Bulletin No. 11, University of Alberta, September 1925.

The Scientific and Industrial Research Council of Alberta

By E. Stansfield:

"The Scientific and Industrial Research Council of Alberta", Journal of Engineering Institute of Canada, August 1925; Reprint in the Press Bulletin, University of Alberta, Department of Extension, October 1925.

By E. Stansfield and R. T. Hellies:

"Domestic Furnace Tests", Sixth Annual Report of the Scientific and Industrial Research Council of Alberta.

Department of Soils

By Professor T. A. Bywaters:

"Factors affecting the Productivity of Western Canadian Soils", Scientific Agriculture, Vol 6, No. 3,November 1925.

By Professor T. A. Bywaters, Associate Professor J.H. Newton, Dr. J. A. Allyne with Messrs. J.E. Dougherty,A.M. Ward and T.M.Shutler respectively:

"Soil Survey Report of Medicat Sheet, Bulletin No. 11, University of Alberta, September 1925.

The Scientific and Industrial Research Council of Alberta

By E. Stansfield:

"The Scientific and Industrial Research Council of Alberta", Journal of Engineering Institute of Canada, August 1925; Reprint in the Press Bulletin, University of Alberta,Department of Extension, October 1925.

By E. Stansfield and R. T. Baillie:

"Domestic Furnace Tests", Sixth Annual Report of the Scientific and Industrial Research Council of Alberta.

By E. Stansfield, R. T. Hollies and W. P. Campbell:

"Analyses of Alberta Coals", Report No. 14, Scientific and Industrial Research Council of Alberta.

By E. Stansfield and W. A. Lang:

"Briquetting Tests", Sixth Annual Report of the Scientific and Industrial Research Council of Alberta.

By Dr. K. A. Clark:

"The Bituminous Sands of Northern Alberta", The Petroleum Times, December 13th, 1924.

"Drilling the Tar Sands of Alberta", The Petroleum World, December, 1924.

"Oiled Earth Roads in Alberta", City Managers' Magazine, Lawrence, Kansas, December 1925.

"Highway Researches in Alberta", Highway Research News, March, 1926.

"Studies in Earth Road Treatment", Sixth Annual Report, Scientific and Industrial Research Council of Alberta.

By Dr. K. A. Clark and S. M. Blair:

"Separation of Bituminous Sands", Sixth Annual Report Scientific and Industrial Research Council of Alberta.

By E. Stansfield, E. T. Hollies and W. P. Campbell:

"Analysis of Alberta Coals", Report No. 14, Scientific and Industrial Research Council of Alberta.

By K. Stansfield and W. A. Lamb:

"Briquetting Peats". Sixth Annual Report of the Scientific and Industrial Research Council of Alberta.

By Dr. K. A. Clark:

"The Bituminous Sands of Northern Alberta", The Petroleum Times, December 15th,1923.

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"Oil and Bath Rocks in Alberta", Dirty Mudcores' Magazine, Lawrence, Kansas, December 1924.

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"Studies in Earth Road Treatment", Sixth Annual Report, Scientific and Industrial Research Council of Alberta.

By Dr. K. A. Clark and K. M. Blair:

"Separation of Bituminous Sands", Sixth Annual Report Scientific and Industrial Research Council of Alberta.

The National Research Council

Your President continued during the year to serve as President of the National Research Council. This has meant a heavy responsibility in addition to the duties of President of the University especially because of the distance to Ottawa where the meetings of the Council are held. From the point of view of the University your President considers this extra work justified because nearly all the large cooperative researches organized during his presidency of the Research Council are definitely related to western Canada and to this province. The research on human and bovine tuberculosis; grain rust research; the wheat investigations; the biological and climatic investigations; the drouth and frost resistant qualities of wheat; may be cited as examples. By intensifying the effort to get researches of major significance started it has been possible to increase the amount spent on such work by the Dominion Government from $20,000 in 1933 to $150,000 in 1938 with much larger expenditures hoped for in the future. It may be added that in all the researches mentioned above substantial progress has been made. The Alberta committee appointed by the Minister of Health from the staff of his department and the university has been cooperating with the National Research Council in the tuberculosis research.

The National Research Council

The Death of the Chancellor

It is with feelings of deepest emotion and sorrow that we record the death during the year of our beloved Chancellor. The Hon. Mr. Justice Charles A. Stuart elected Chancellor by the first Convocation in 1908 continued to serve on the Senate and later on both the Senate and the Board of Governors until his death in 1926. His hold upon the minds of the university men of the province is indicated by the fact that in the repeated elections following 1908 he was always unopposed. As a scholar he brought dignity and strength to the position he occupied: as a friend and counsellor he cannot be replaced. The Senate and the Board of Governors minuted resolutions of regret and sorrow as follows:

The Senate- "The Senate desires to place on record its deep sense of the great loss the University has sustained in the death of the late Honourable Mr. Justice Stuart, who, since its establishment, had filled the office of Chancellor for which his scholastic attainments, his broad human sympathies, his great interest in the higher education and his conscientious devotion to duty, so eminently fitted him. The members of the Senate, many of whom have for many years associated with him and received the benefit of his good counsel and enjoyed his friendship, feel keenly the personal loss caused them by his demise; and

"Be it resolved that a copy of this resolution be forwarded to Mrs. Stuart with the expression of the deepest sympathy of the Senate for her and her family in their bereavement."

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"Be it resolved that a copy of this resolution be forwarded by Mr. Stuart with the expression of the deepest sympathy of the Senate for her and her family in their bereavement."

The Board- "Resolved that we place on record our deep sense of loss in the death of Mr. Justice Stuart, the Chancellor of the University of Alberta. As Chancellor he presided over the academic affairs of the University from its foundation in 1908 and in that capacity was a member of the Board of Governors from the formation of the Board in 1910 until his decease. His unfailing good-will, his wise counsel, his sense of fair play and his devotion to things of the mind gave him a place of rare influence in the development of the University, while his gift of friendship endeared him to the hearts of those with whom he was associated. His death has left vacant amongst us a place that will be exceedingly difficult to fill. Further, the Board desires to express its deep sympathy to Mrs. Stuart and the members of the family."

The Board- "Resolved that we place on record our deep sense
of loss in the death of Mr. Destino Stuart, the Chancellor of the
University of Alberta. As Chancellor he exercised over the economic
affairs of the University from its foundation in 1908 and in that
capacity was a member of the Board of Governors from the formation
of the Board in 1910 until his decease. His unfailing loyalty,
his wise counsel, his sense of fair play and his devotion to things
of the mind gave him a place of rare influence in the development
of the University, while his gift of personality endeared him to
the hearts of those with whom he was associated. His death has
left vacant amongst us a place that will be exceedingly difficult
to fill. Further, the Board desires to express its deep sympathy
to Mrs. Stuart and the members of the family."

The University Hospital

The University Hospital is continuing to function as an important part of the public health services of the province. It will be remembered that the hospital was taken over from the S. C. R. in 1933 and that later the interest of the city in the hospital was purchased by the Board of Governors in order that the hospital might be made more efficient as a teaching hospital. As a result of this action, the last years of the university course in medicine have been made possible to the students in medicine in the province and a Nursing School organized to meet modern nursing conditions.

During the year, patients were admitted from almost every part of the province but especially in the section between Red Deer and the northern boundary of the province. The accompanying map will show the numbers that have been received from the districts and treated during the year.

Hospital and medical services have been rendered to a large number of people who otherwise could not have received hospital treatment excepting at the charge of the government. It is estimated that the free services rendered during the year to indigents, transients, patients from improvement districts, unorganized territory and municipal districts for cases for which they have not been willing to be held liable, and orthopedic cases mainly for crippled children, amounting to 17,539 hospital days, cost not less than $40,000.

It is with regret that we record that the year has closed with a deficit of approximately $20,000. In view of the services rendered this could not be avoided.

The work in the Outdoor Clinic has increased greatly during the year. There has been an increase in the enrolment of 1314, bringing the total enrolment at the present time up to 2804. Of these it was necessary to admit 270 patients to the hospital for medical and nursing treatment. Without question the saving to the city hospitals and to the Public Health Department of the government through the free services to indigent patients at the Outdoor Clinic has been considerable. It is with pleasure that we report that the cost per patient day has been reduced from $3.61 in 1925 to $3.19 in 1926. Part of this saving was brought about by connecting the Hospital to the University heating plant and part by economies effected throughout all branches of the service.

The Public Health Laboratories

The work done in the Public Health Laboratories again shows a remarkable increase in volume, as was the case last year. The new regulations instituted by the Department of Health, requiring as they do, a post-operative examination on diseased tissue, taken from a patient by a surgeon in an operation, by an independent competent authority must result in greater care being taken in diagnoses before a major operation is performed. Without doubt, in this respect the Public Health Department of the Government of Alberta is one of the best in Canada. These regulations have, however, added greatly to the work of the laboratories with the result that the vote for the year for that purpose was overspent by some $3000.

The Report of the Provincial Laboratory, Appendix III, attached hereto shows that there was an increase of 26.9% during the past year over 1935. The total number of specimens examined was 25,459, an increase of over 5000 over 1935. The vote for this work made during the last session of the legislature was $20,000. The value of the work done on the basis of a minimum laboratory charge is $126,338, an increase over last year of $31,407, equivalent to two thirds of the total vote made for the service. The growth of this work in recent years is shown by the fact that during the eight years between 1919 and 1926 the total number of chemical and bacteriological examinations made in the laboratory has increased from 1046 to 25,459.

In addition, the whole of the chemical work required by the Attorney-General's Department in connection with the criminal courts and in the administration of the Opium and

The Public Health Laboratories

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The Report of the Provincial Secretary, Appendix III, discloses people above that there was an increase of 58,86 during the past year over 1930. The total number of specimens examined was 80,852, an increase of over 8000 over 1929.

The vote for this work made during the last session of the legislature was $45,000. The value of the work done on the basis of a minimum laboratory charge is $102,783, an increase over last year of $21,807, equivalent to the thirds of the total vote made for the service. The growth of this work in recent years is shown by the fact that during the eight years between 1910 and 1926 the total number of chemical and bacteriological examinations made in the laboratory has increased from 1001 to 80,852.

In addition, the whole of the chemical work required by the Attorney-General's Department in connection with criminal cases and in the administration of the Opium and

Narcotic Drugs Act and other data including evidence in courts was done for the government without charge. The minimum value of this work would be $7500. It is respectfully urged that a special grant should be made to the University for this purpose. At present, it is paid for in part out of ordinary University funds and in part out of the funds of the Public Health Laboratory. For details see Appendix IV of this Report.

Burnside Dregs Act and other Acts including extensions in certain cases for the governments without charge. The maximum value of this work would be $3000. It is recommended that a special grant should be made to the University for this purpose. At present, it is held for in part out of ordinary University funds and in part out of the funds of the Public Health Laboratory. For details see Appendix IV of this Report.

Pressing Requirements

Last year, provision was made in the estimates for a certain amount of capital expenditure for the Dairy Department. The part of the South Laboratory heretofore used as a garage was made over into a dairy laboratory completely meeting for the time being the requirements of that department for space. There is urgent need for space and equipment for two new departments, viz., Poultry and Horticulture and for additional space for the Department of Agricultural Engineering. For some years, the demand for a Poultry Department capable of research work has been continually urged.

No work in the nature of short courses in Agricultural Engineering can possibly be offered until new space is provided. Further, the space now used by that department is urgently needed by the Provincial Research Department.

From the point of view of economic research in agriculture the most pressing need is for the appointment of a Plant Pathologist. For some years the Organized Seed Growers of the province have been urging such an appointment. The increasing spread in the province of plant pests and especially root rot in wheat should be a sufficient warning to begin at once the attack on these pests. The significance of the spread of plant pests must surely be appreciated when it is remembered that agricultural economists estimate that the loss from such pests in the United States averages 20% annually of its farm crops. Root Rot disease alone threatens, according to some

Promising Developments

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From the point of view of economic research in agriculture the most pressing need is for the appointment of a Plant Pathologist. For some years the Organized Seed Growers of the province have been urging much on improvements. The increasing spread in the province of plant pests and especially root rot in wheat should be a sufficient reason to begin at once the attack on these pests. The significance of the spread of plant pests must surely be superficial when it is remembered that agricultural economists estimate that the loss from such pests in the United States averages 20% annually of its farm crops. Most pest diseases alone threatens, according to some

observers, to be of an importance equal to grain rust the loss from which has averaged in Manitoba and Saskatchewan not less than $30,000,000. annually in the last eight years and against which only in the last two years has an organized research been started. It is a penny wise and pound foolish policy not to be forthcoming in such matters.

I attach,herewith, as Appendices to this Report the following special reports:

The Report of the Faculty of Agriculture,as Appendix I

The Report of the Department of Extension,as Appendix II

The Report of the Provincial Laboratory,as Appendix III

The Report of the Industrial Laboratory,as Appendix IV

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APPENDIX I

THE REPORT OF THE FACULTY OF AGRICULTURE

APPENDIX I

THE REPORT OF THE FACULTY OF AGRICULTURE

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1926

There has been an increase in attendance in the first year students in the fall term which more than balances the large class which graduated during the year.

The raising of our standard of entrance has continued to prevent the enrolment of a certain number of boys who are graduates of the Schools of Agriculture. This is to be regretted because the University has always secured a high class of student from these Schools. This year the University offered in addition a Diploma Course to graduates from the Schools of Agriculture, but only two students took advantage of the opportunity. It is hoped, however, that this course once it becomes known and understood will offer a valuable service to a large number of graduates from the Schools. This course does not call for any other entrance credit than a diploma from a School of Agriculture, or its equivalent.

We still have no Department of Poultry. The boys who come from the Schools of Agriculture will have had a good practical training in Poultry, but there is need for some definite research work in this field, and for

REPORT OF THE DEAN OF AGRICULTURE

FOR THE YEAR 1920

the teaching of advanced science as applied to this very important department.

The following is the report by departments of the College of Agriculture:

DEPARTMENT OF HORTICULTURE

Owing to the mildness of the past winter all trees, shrubs, and perennial flowers came through without loss. Growth was good during the summer, though checked somewhat by dry weather. Growth persisted quite late into September without frost sufficient to give the usual coloring to the leaves. Then all was caught with a heavy frost when in full leaf and growth was not completed. Permanent Plantings - An additional row of trees was added in front of the medical building and continued right out to 112th st. Trees and shrubs were also planted in front of the hospital buildings. The row of trees planted in front of the medical building some years ago was damaged considerably by a high wind storm following a heavy rain which soaked the ground around the roots of the trees. Bush Fruits - In spite of a prolonged drought all the bush fruits made excellent growth and gave high yields. A new raspberry, the Latham, gave promising growth, and should have a nice stand of fruit next year. A new red currant, the Perfection, gave its first yield this year. It is very highly recommended. Two varieties of black

currants gave a yield valued at over $1800.00 per acre. The two new black varieties gave nice yields for a first year. They are Kerry, which is rated as being the best of the newer introductions, and Bashop Grant, an older variety but just coming into bearing here. The fruit is very large and satisfactory. This year gave the first satisfactory yield of goose berries.

Large Fruits - Some of the trees injured by rabbits two winters ago are recovering nicely, while others have been dug out as being hopeless. The Siberian crab apples again bore a heavy crop. All of them make good jelly, and one strain gave jelly suitable for dessert purposes. Two varieties of plums fruited, but the early severe frost caught them before they were quite ripe. Two crossbred cherry-plums fruited also. A quantity of seeds of the Siberian apple were planted last fall with the idea of obtaining hardy root stocks on which to graft bud scions of known hardy varieties of apples.

Nursery - In the nursery elm and ash seeds were sown and a nice stand of young trees obtained. Cuttings were planted of poplar and willow trees, dogwood, lilac, honeysuckle, cranberry, and other shrubs, and of the various varieties of white, red, and black currants. A good stand of plants was obtained.

Perennial Flowers - There was no winter killing among the perennials. Some ten new varieties of iris were added.

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1926

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Perennial Flowers - There was no winter killing among the perennials. Some ten new varieties of iris were added.

Only sufficient annuals were grown to fill in and finish the perennial beds on the President's lawn and around the hospital.

DEPARTMENT OF ENTOMOLOGY

Insect Collection - During the year the insects, of all orders, in the Reference Collection of the Albertan fauna have been arranged. The card catalogue of all recorded species has been brought up to date.

In obtaining authoritative determinations of much of our material we are indebted to members of the Dominion Entomological Branch at Ottawa for their unfailing assistance.

Numerous additions have been made to the general working collection.

Publications - During the year this Department has issued one University Bulletin entitled "The Wireworms of Alberta". This contained the results, so far obtained, from an investigation into the bionomics and control of these insects. The only other publications have been a number of Press articles dealing with current problems.

Extension work - About ten addresses were given to various farmers' organisations during the summer. These dealt, for the greater part, with the Sawfly menace.

Investigational work - Nearly all of the summer was devoted to the continuation of the investigation into the problem of wireworm control under the auspices of the

REPORT OF THE COMMISSIONER OF AGRICULTURE FOR THE YEAR 1956

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Investigational Work - Nearly all of the summer was devoted to the continuation of the investigation into the problem of wireworm control under the auspices of the

Dominion Research Council. Satisfactory progress was made and we were able to check up the accuracy of a number of hypotheses that were assumed from field observation in 1925. Correspondence indicates that, in its most important deductions, our laboratory findings tally fairly well with the experience of farmers in widely scattered districts in Alberta and Saskatchewan. We believe that they already point the way to a modification of cultural practices that will lead to a reduction of losses from this pest.

General Entomological Conditions in Alberta

Cutworms - It is very gratifying for us to be able to report that losses from this pest in the central portion of Alberta were far below the figure that was anticipated last fall. There can be no doubt but that this was in a large measure due to the extensive educational campaign which was conducted during the summer of 1925 in co-operation with the members of the Dominion Entomological Laboratory at Lethbridge.

In no fields which were cultivated according to our advice in the fall of 1925 were there appreciable losses in the spring of 1926, while there were almost total losses in a few fields in which the owners disregarded this advice.

This was the first occasion on which we have had an opportunity to observe, over a widespread territory, the

benefits to be derived from methods of cultivation which we had recommended as a result of our laboratory investigations. The results were even better than we had dared to hope.

Wheat-stem Sawfly - During the past four years this Department has attempted to arouse the interest of the farming community to the menace of the wheat-stem sawfly. Since no appreciable losses had been experienced in this province little success attended these efforts.

In the fall of 1925, under the auspices of the Provincial Department of Agriculture, a survey was made of the territory in which it was believed that this pest was beginning to encroach into grain fields. This survey indicated that a general infestation of wheat fields over a large area was imminent, and efforts to ward off the heavy losses, which are inevitable should this invasion be allowed to proceed, were redoubled.

An amendment to the Pest Act, which required that the necessary precautionary measures be taken, was prepared and was submitted to the Legislative Assembly for their approval. This amendment was added to the statutes of Alberta in the spring of 1926. The season was then however, too far advanced for it to be enforced during the current season, but the educational campaign was pressed in order to acquaint all farmers in the threatened area with its purport. A circular letter was sent to the

area in which it was requested that the Council organize for the suppression of the pest before its spread throughout the fields rendered such supression impractical.

Little interest could be aroused, however, until the late summer when it was discovered, in three large areas, that the sawfly had already invaded entire fields with consequent heavy losses. Whether this general infestation can be reduced, and whether it can be prevented from spreading throughout the wheat-belt of the province is not known. An immediate investigation of the best methods for coping with this pest under Albertan conditions is imperative if we are to take any active part in checking the ravages of this pest.

An outline of experiments, which are designed to yield information along the lines which appear to be of the utmost importance before a satisfactory campaign can be launched, has been prepared. This has been forwarded to the Dominion Entomological Laboratory at Lethbridge with a request for cooperation in obtaining this information. We believe, therefore, that in the interest of the wheat producers of Alberta, it is essential that arrangements be made without delay whereby this Department can undertake such an investigation. This necessitates that a field laboratory be opened early in the spring of 1927 in the infested territory and that a man be stationed there for the summer in order that he may

REPORT OF THE DOMINION OF AGRICULTURE FOR THE YEAR 1926

area in which it was requested that the Council organize for the suppression of the pest before its spread throughout the fields rendered such suppression impractical.

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make a detailed study of the problem. Further delay in obtaining this information may result in the sawfly becoming so firmly established in Alberta that further efforts for its eradication will be impractical.

DEPARTMENT OF AGRICULTURAL ENGINEERING

The work in this department is devoted largely to teaching, investigation and advisory work in connection with farm machinery, farm motors, and farm buildings. The service rendered by this department in connection with farm machinery is of wide reaching significance. The courses given at the University are only a part of the field covered. A rapidly increasing number of requests for advice are received. One complication is to be found in the large number of new inventions, dealing with which in an advisory capacity, is rather a delicate problem. This year brought forth more than the usual number of ambitious inventions, the sponsors of which generally come in person for discussion and advice. This has given an opening for a lot of investigational work in connection with the problems associated with farm machinery

The two bulletins, Plows and Plowing, and Binder and Knotter Trouble, now obtainable from the Extension Department, have been extremely popular; the later bulletin seems to have particularly filled a long felt want, and the second edition is well on the way to exhaustion. In connection with the bulletin on plows and plowing it might

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1936

make a detailed study of the problem. Another delay in ejecting this increase may result in the nearly doubling of flour quantities in Algeria that further efforts for its exploitation will be important.

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be mentioned that the head of this department has gone as judge to some of the plowing-matches conducted under the management of the Department of Agriculture. Some judging was also done in Saskatoon.

The question of the Combine Harvester is now under study. There is a great field for investigation here, as these harvesters are attracting a great deal of attention at present. While speaking of farm machinery due acknowledgement must be made of the splendid assistance given to this department by the various implement companies in donating free of charge all the machinery for class-room work, that our space will allow. We could use three times the present space to advantage for this very same purpose.

The head of this department spent considerable time during the summer months in visiting the manufacturing plants in eastern Canada and in the United States.

DEPARTMENT OF DAIRYING

This work is under the direction of the Provincial Dairy Commissioner. We are indebted to the Department of Agriculture for additional staff assistance to meet the rapidly growing demand for instruction in Dairying.

The Dairy Commissioner reports as follows:

"Four special Creamery courses were given jointly with the Provincial Department of Agriculture, during the year. These special courses are planned more particularly for the

benefit of people who have had some practical experience in creamery operations and who may wish to spend a short time in a systematic study of the more important principles upon which the practical work is based. Following are the dates and attendance of each of the Special Courses.

January 5th - 22nd. 1926	26 students
Feb. 23 - Mch. 12th. "	22 "
Spec. Graders' course, May	20 "
Nov. 29th - Dec. 18th 1926	12 "
	80 students

The Special Course students registered from twenty-four different points in Alberta, and one point in Saskatchewan.

Increased Facilities.

I am pleased to report that new and larger quarters were provided for handling the work of this Department, in the west end of the south laboratory building. Separate commodious laboratories have been constructed for the creamery, testing, and the home dairy work. Office, store, and cloak rooms were also provided. The creamery laboratory is equipped with three vat pasteurizers and three churns of the standard types now in use in the dairy factories of the Province. The testing laboratory, which will accommodate classes of up to thirty students, is furnished with the Babcock test and other apparatus used in the testing of milk, cream, and other dairy products. The home dairy laboratory is equipped with a number of hand separators loaned by the manufacturers, small churns, butter workers and Babcock testers, suitable for home

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1956

benefit of people who have had some practical experience in creamery operations and who may wish to spend a short time in a systematic study of the more important principles upon which the practical work is based. Following are the dates and enrollment at each of the Special Courses.

January 9th - 28th, 1956	35	students
Feb. 22 - Mch. 12th. "	22	"
Spec. Creamery' course, July	20	"
Nov. 29th - Dec. 18th 1956	12	"
	89	students

The Special Course students registered from twenty-four different points in Alberta, and one point in Saskatchewan.

Increased Facilities.

Keen pleased to report that new and larger creamery rooms provided for handling the work of this department, in the west end of the south Laboratory building. Separate compartments have been constructed for the creamery, testing and the home dairy work. Office space, and plank rooms were also provided. The creamery laboratory is equipped with three vat pasteurizers and three churns of the standard types now in use in the dairy factories of the province. The testing laboratory, which will accommodate classes of up to thirty students, is furnished with the Babcock test and other apparatus used in the testing of milk, cream, and other dairy products. The home dairy laboratory is equipped with a number of hand separators loaned by the manufacturers, small churns, butter workers and Babcock testers, suitable for home

dairy use. There is also a complete cheese making equipment. Each unit in the new quarters is self-contained and the facilities for carrying on the work of the Department are greatly improved.

Investigational work

The analysis of samples of butter for yeasts and moulds in connection with the Provincial Butter Grading Service, referred to in my report of 1925, was continued during the past year. The results of the analyses made from day to day are promptly communicated to the manufacturers of the butter concerned, and it is gratifying to report the gradual but marked reduction that has been brought about in the 'yeast and mould count' of our creamery butter, largely as a result of the interested attention given by the management of the creameries to the principal sources of bacteriological recontamination of the pasteurized cream, and the butter, while in process of manufacture.

Other lines of work are under way, particularly in relation to the defect generally known as 'Surface Taint' in butter, and, while the work done thus far has failed to disclose the exact cause or combination of causes of this specific defect, a simple provisional method has been worked out in the laboratories of this Department for the reconditioning of butter so affected. This method has now been successfully used by several creameries in the

REPORT OF THE DEPUTY DIRECTOR OF AGRICULTURE FOR THE YEAR 1936

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The analysis of samples of butter for rancid and mould in connection with the Provincial Butter Grading Service, referred to in my report of 1935, was continued during the past year. The results of the analyses made from day to day are promptly communicated to the manufacturers of the butter concerned, and it is gratifying to record the gradual but marked reduction that has been brought about in the 'grass and mould counts' of our creamery butter, largely as a result of the increased attention given by the management of the creameries to the rational control of bacteriological contamination of the pasteurized cream, and the butter, while in process of manufacture.

Other lines of work are under way, in relation to the defect commonly known as 'sunshine taint' in butter, and, while the work done thus far has failed to disclose the exact cause or combination of causes of this specific defect, a simple practical method has been worked out in the laboratories of this Department for the recondition of butter so affected. This method has now been successfully used by several creameries in the

reconditioning of odd churnings of butter that were found to have developed 'Surface Paint'.

The Department acknowledges its great appreciation of the use of a well equipped bacteriological laboratory, placed at its disposal by the Dean of the Faculty of Medicine."

DEPARTMENT OF VETERINARY SCIENCE

The teaching work in Veterinary Science is under the charge of the Provincial Veterinarian. In addition to this he cooperates with the College of Medicine, Provincial Laboratory, and the Animal Husbandry department in certain investigational work. The chief object is the study of Animal diseases, and the new conditions peculiar to live stock throughout the province. During the past year particular attention has been paid to swine diseases and the study of the reason for loss, which sometimes amounts to one third of the young pigs. It is felt that this loss is due to factors which are preventable.

Following is the report of the Provincial Veterinarian upon further investigational work:

"We are still carrying on work with the vaccination against Contagious Abortion. There seems to be a considerable difference of opinion as to the results of Abortion vaccine as an immunising agent. Our experience has been that it goes a long way in conferring immunization. From information gathered while attending the United States Sanitary Live Stock Association meeting in Chicago on

REPORT OF THE COUNCIL OF AGRICULTURE FOR THE YEAR 1954

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December 2nd, 3rd, and 4th, 1926, the majority of the bacteriologists attending there appear to believe that before long it will be the recognized method of controlling this particular trouble. For the past three years we have been injecting calves a few days after birth with the Bacillus Abortus Vaccine and the histories of these animals have been charted carefully up to the present time. So far none of these animals have aborted, although they have been exposed to a virulent type of the disease. How long this immunity will last we are not prepared to say, but it is our intention to carry the experiment along for some time to come.

Work on sterility has also been extended somewhat and it has been made possible for us to work upon several excellent cases in the University herd. Much of this work brought very gratifying results and it is our opinion that it should be greatly extended if at all possible.

We also tried experiments in the way of gland transplantation and the administration of gland extract. It is possible that this work would also be better carried out on a larger scale than it has been in the past, but we are not yet in a position to state as to the results obtained.

Our most extensive experiments have been in connection with tuberculosis. The vaccination of young calves with a view to immunizing them against this disease has been actively carried on. Up to the present our experiments have

been limited to the Calmette and Raw vaccines. The calves were first vaccinated, followed later by the injection of virulent living tubercle bacilli. These later were slaughtered and careful postmortems held. In all experiments check animals were also used. We are not yet in a position to publish the results of the work carried on in connection with bovine tuberculosis, but we think we can safely state that some features in connection with vaccination against bovine tuberculosis are very encouraging."

A great part of this latter work has not been carried on at the University, although it is under the direction of the Joint Board mentioned before, which was appointed by the Minister of Agriculture.

DEPARTMENT OF SOILS

The research work of the department was carried along the same lines as in 1925, except that certain extensions were found necessary in connection with some of the projects.

The various lines of work pursued were as follows:

1. Soil Survey
2. Experimental work in soils (plot work)
3. Availability of plant-foods under field conditions (decomposition of the soil's organic matter).
4. Research problems.
5. Analysis of miscellaneous samples:
   a. Soil samples sent in by farmers.
   b. Alkali soil samples
   c. Drainage waters.

REPORT ON THE DUTIES OF AGRICULTURAL ASSISTANTS FOR THE YEAR 1928

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   b. Alkali soil samples
   c. Irrigation waters.

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1926

1. During the summer of 1926 the field work of the soil survey for the first month was confined to ranges 14 and 15 of the Sounding Creek Sheet - thus completing this sheet. After June 20th, the survey was conducted in the St. Ann Sheet (representative of the vast area of timber soils). Somewhat less than one million acres were surveyed during 1926. This makes a total to date of between 7½ and 8 million acres for which the field work has been done.

The report for the Medicine Hat Sheet is now in the printers' hands and will appear shortly as Bulletin No. 14. It covers an area of 2,764,800 acres. This together with the Macleod Sheet will bring the area for which reports are prepared up to 5 million acres. The analytical work for the Sounding Creek Sheet is now almost completed and the report will be prepared during 1927. As in other years the Department of Agriculture has assisted by financing the field work.

2. The wheat yields from the experimental plots for the past year show percentage variations in yields of these two cereals during the past two years were about 30 per cent. above and below the mean. These variations are due to heterogeneous soil conditions, and it will be necessary to continue this study of soil heterogeneity for one or two more years before the plots can be subjected to fertiliser treatments.

3. The investigations on the availability of plant-foods under field conditions was continued during 1926, making the fourth consecutive year for this project. Two papers

have been prepared reporting the results of this proj for the years 1923 and 1924 (see report for 1925). The data for 1925 and 1926 confirm those of the two previous years and will be published some time during 1927. In the future this project will be extended along certain lines, whereas some of the routine necessary during the past four years will be discontinued.

4. Other research problems pursued during the year are enumerated below.

a. Possible Plant Food Deficiencies in the Wooded Soils of Alberta.

b. Possible Symbiotic Fixation of Nitrogen by Non-leguminous plants.

c. Sulphur content of Alberta Soils

d. Variation in Reactions of Alberta Soils.

e. Characteristics of Typical Soil Profiles in Alberta.

f. Biological Activities in Soils from different parts of Alberta.

g. Respiration and nutritive relationships as affecting plant growth.

Excellent progress has been made on projects, a, c, d, and e. The fundamental work for most of them should be completed in 1927.

5. The services in connection with the analyses of samples of soils, alkali and drainage waters have been continued throughout the year.

REPORT OF THE DEPARTMENT OF AGRICULTURE FOR THE YEAR

have been prepared reporting the results of this pro-
for the years 1923 and 1924 (see report for 1925). The
data for 1926 and 1926 constitute three of the two y ars
years and will be published some time during 1927. In
the future this project will be extended along certain
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past four years will be discontinued.

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b. Possible bymbiotic fixation of Nitrogen by Non-
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parts of Alberta.

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affecting plant growth.

Excellent progress has been made on projects, a, c,
d, and e. The fundamental work for most of them should
be completed in 1927.

8. The services in connection with the analyses of
samples of soils, alkali and drainage waters have been
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REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1926.

The following contributions have been published by this Department in 1926.

"Nitrate Production under Field Conditions in Soils of Central Alberta," by F. A. Wyatt, A.S. Ward and J.D. Newton, in Scientific Agriculture, vol. VII No. 1, 1926.

"Soil Survey of Medicine Hat Sheet". Bulletin No.14 University of Alberta, November, 1926, by F.A. Wyatt, J.D. Newton, and J.A. Allan, Messrs. Doughty, Ward and Mather assisting.

DEPARTMENT OF FIELD HUSBANDRY

1. Seed Distribution

Perhaps the most important service which this Department renders directly to the farming community of the Province is the annual distribution at nominal prices of seed of promising new varieties and of leading registrable varieties of field crops. Many growers come to us from year to year for small quantities of this foundation stock, with which to establish or renew their main stock.

In the spring of 1926, the following stocks, multiplied at the University, were distributed in this way:

New varieties

Renfrew wheat	68 bush.
Red Bobs No. 222 (University No.222) wheat	63 "
Alberta Beardless barley	2 "
Howes' Alberta Flint corn	224 lbs.
Altaswede red clover	103 "
Frya western rye grass	43 "
Swallow timothy	60 "

Elite stock

Banner oats	34 bush.
Victory oats	27 "
O.A.C. No. 21 barley	30 "
Canadian Thorpe barley	17½ "
Dakold Winter rye	2 "
Golden Vine peas	1½ "

REPORT OF THE CURATOR OF AGRICULTURE FOR THE YEAR 1926.

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"Nitrate Production under Field Conditions in Soils of Central Alberta," by J. A. Wyatt, A.S. Ward and C.D. Newton, in Colemitic Agricultures, vol. VII, No. 1, 1926.

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DISTRIBUTION OF FIELD HUSBANDRY

1. Seed Distribution

Perhaps the most important service which this Department renders directly to the farming community at the present is the annual distribution at nominal prices of seed of promising new varieties and of leading reliable varieties of field crops. Many growers come to us from year to year for small quantities of this foundation stock, with which to establish or renew their main stock.

In the spring of 1926, the following stocks, multiplied at the University, were distributed in this way:

New varieties

Bonifoss wheat	68 bush.
Red Bobs No. 222 (University No.222) wheat	65 "
Alberta Bearfless barley	2 "
Howes' Alberta Flint corn	256 lbs.
Alfamode red clover	103 "
Tyee western rye grass	45 "
Hwallow timothy	60 "

White stock

Banner oats	34 bush.
Victory oats	27 "
O.A.C. No. 21 barley	30 "
Canadian Thorpe barley	17½ "
Berold Winter rye	2 "
Golden Vine peas	13½ "

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR .

The demand for seed was in most cases in excess the supply. This was particularly so with Renfrew and Red Bobs No. 222 wheat, even though applicants were restricted to 2 bushels each. Fortunately we were able to furnish inquirers with a list of growers having seed of these varieties for sale. It is regrettable that this could not be done in the case of Marquis wheat. There have been no stocks of elite seed of this variety available for purchase since 1924. Our reselected stock will not be ready for distribution until the spring of 1928.

Our present scheme for handling all elite stocks includes the periodic use of foundation bed selection, so that a new seed stock is available every 5 years. This should ensure a continuous supply in the future. Foundation beds set out in the spring of 1926 included Red Fife wheat (from 2 sources), Marquis wheat (from 3 sources) and Golden Vine peas.

Reports from farmers who have tested Rendrew and Red Bobs No. 222 wheats continue to be very satisfactory. Renfrew reports for 1926 cover the south-east half of the province, and give yields ranging from 45 to 68 bushels to the acre, except in one case (Provost) where it dropped to 27 bushels. The reports on Red Bobs No. 222 were confined largely to points north or west of Edmonton, the yields ranging from 40 to 62 bushels to the acre.

REPORT OF THE COMMISSIONER OF AGRICULTURE FOR THE YEAR 1929

The demand for seed was in most cases in excess of the supply. This was particularly so with Hardrow and Red Rock No. 222 wheat, even though applicants were restricted to 2 bushels each. Fortunately we were able to furnish inquirers with a list of growers having seed of these varieties for sale. It is regrettable that this could not be done in the case of Marquis wheat. There have been no stocks of elite seed of this variety available for purchase since 1924. Our reselected stock will not be ready for distribution until the spring of 1930.

Our present scheme for handling all elite stocks includes the periodic use of isolation bed selection, so that a new seed stock is available every 5 years. This should ensure a continuous supply in the future. Foundation beds set out in the spring of 1926 included Red Fife wheat (from 8 sources), Marquis wheat (from 9 sources) and Golden Vine peas.

Reports from farmers who have tested Hardrow and Red Rock No. 222 wheats continue to be very satisfactory. Hundreds received for 1930 cover the south-east half of the province, and give yields ranging from 40 to 68 bushels to the acre, except in one case (frozen) where it dropped to 27 bushels. The reports on Red Rock No. 222 were confined largely to points north or west of Edmonton, the yields ranging from 40 to 68 bushels to the acre.

11. Variety Testing

The yields obtained during the past season in plot and rod-row tests of some of the more interesting varieties will be given:

WHEAT:

Hundredth-acre plots in quadruplicate

Variety	Days of maturity	Height in inches	Yield in bushels	Av. Yields 1923-26
Marquis	117	41.7	35.6	43.0
Renfrew	122	45.2	36.5	47.9
Red Bobs No. 22	109	45.8	51.3	50.7
Early Triumph	108	45.2	50.1	-
Supreme	115	47.5	39.9	-
Garnet	106	44.1	45.0	-
	Rod-row plots in quadruplicate			
Marquis	109	46	48.8	-
Early Triumph	107	45	66.3	-
Supreme	108	45	57.1	-
Producer	108	45	60.9	-
Reward	102	43	46.3	-
Garnet	102	44	50.4	-
Larcombe (cold spring)	114	48	45.5	-

The later varieties, Marquis and Renfrew, in the 100th-acre plots were caught by drought at a critical period, with the result that both yield and length of straw are considerably below normal. For the six years ending 1925, Renfrew averaged 6.8 inches taller than Red Bobs No. 222.

Early Triumph and Supreme are selections from Red Bobs; Producer, Reward and Garnet are varieties produced by the Dominion Cerealist.

II. Variety Testing

The yields obtained during the past season in plot and rod-row tests of some of the more interesting varieties will be given:

VETCH:

Hundredth-acre plots in quadruplicate

Variety	Days of maturity	Height in inches	Yield in lbs. Dunedin	Yields 1923-26
Bearguia	117	41.7	55.6	45.0
Cochran	122	43.2	56.5	47.9
Red Kobe No. 22	109	43.8	51.5	50.7
Early Triumph	108	43.2	50.1	-
Supreme	115	47.8	55.9	-
Unrest	108	44.1	48.0	-

Rod-row plots in quadruplicate

Bearguia	109	46	48.8	-
Early Triumph	107	42	56.8	-
Supreme	109	46	57.1	-
Producer	109	46	60.9	-
Seward	108	45	46.3	-
Garnet	108	44	50.4	-
Baroomba (cold spring)	116	48	48.8	-

The later varieties, Bearguia and Seafrew, in the 100th-acre plots were caught by drought at a critical period, with the result that both yield and length of straw are considerably below normal. For the six years ending 1926, Seafrew averaged 6.8 inches taller than Red Kobe No. 22C.

Early Triumph and Supreme are selections from Red Rock; Producer, Seward and Garnet are varieties produced by the Dominion Cerealists.

BARLEY:

Hundredth-acre plots in quadruplicate

Variety	Days to maturity	Height in inches	yield in bushels	Av. yield 1923-26
Barks	110	32	40.8	59.3
Manchurian	94	36	42.3	52.8
O.A.C.No.21	95	36	38.0	43.4
Canadian Thorpe	102	37	39.0	51.7
Rod-row plots in quadruplicate				
O.A.C. No. 21a	88	33	87.0	-
265 X O.A.C.21 (Smooth-awned)	90	37	89.2	-

III - Miscellaneous Field Experiments

The block of Grimm alfalfa seeded in 1918 in rows at various distances apart, was broken this year after taking the first cutting of hay. This cutting yielded from 3.8 to 4.7 tons per acre green weight from the various spacings or an average for all spacings of over 1½ tons cured hay per acre. During the previous three seasons the yield from 2 cuttings averaged 7½ tons green weight per acre. The 24-inch spacing has given best results. This excellent crop has fully demonstrated its suitability in the Park Belt and it is to be hoped that its cultivation will be greatly extended.

The block of Altaswede clover seeded in 1923 yielded this season its third good seed crop. During the winter of 1925-26, parts of the block were covered with grain straw and part with clover straw, to observe the effect on winter-killing. However, no killing took place on any part of the block.

MARSHY:

Hundred-acre plots in quadruplicate

Variety	Days to maturity	Height in inches	Yield in bushels	Av. yield 1932-36
Burke	110	52	40.8	39.3
Mennonsian	94	36	42.3	52.8
O.A.C. No. 21	95	36	38.0	42.4
Canadian Thorpe	102	37	39.0	81.7

Red-row plots in quadruplicate

O.A.C. No. 21a	88	33	37.0	-
21E X O.A.C. 21 (Smooth-awned)	90	37	39.2	-

III - Miscellaneous Field Experiments

The block of Trisum alfalfa seeded in 1935 in rows at various distances apart, was broken this year after taking the final cutting of hay. This cutting yielded from 3.8 to 4.7 tons per acre green weight from the various spacing or an average for all spacings of over 1½ tons cured hay per acre. During the previous three seasons the yield from 8 cuttings averaged 7½ tons green weight per acre. The 24-inch spacing has given best results. This excellent crop has fairly demonstrated its suitability in the York District and it is to be hoped that its cultivation will be greatly extended.

The block of alfalfa-grass mixed seeded in 1933 yielded this season its third and best crop. During the winter of 1935-36, parts of the block were covered with grain straw and part with clover straw, to observe the effect on winter-killing. However, no killing took place on any part of the block.

Frya western rye grass planted in rows 6 inches apart yielded at the rate of 1549 lbs. of seed to the acre. As the distance between rows increased, the yield gradually fell off to 754 lbs. at 42 inches.

The results of our experiments with timothy, covering the period 1918-26, have been prepared for immediate publication as Research Bulletin No. 3. Some of the more important results set forth in detail in that bulletin may be summarized here. Variety tests have proved a strain obtained from Svelof, Sweden, to be outstanding, and this strain has been made a basis for further selection work. The original stock has been multiplied and distributed under the name "Swallow". It has been found that timothy stands fall off rapidly in productivity with age, largely on account of a shortage of soil nitrates. For the same reason, crops following an old timothy sod generally yield poorly. It is therefore usually unprofitable to leave the stands down longer than 3 or 4 years. For seed-production better results are obtained by planting timothy in rows 30 to 36 inches apart. Hulless seed loses its viability more rapidly than seed which has retained the hull. This justifies the present discrimination against hulless seed. The tendency to lose the hull is not a varietal characteristic, but is governed by environmental conditions. The high quality (plumpness) of our Alberta-grown seed increases the amount of hulling. Certain practices, howeve

REPORT OF THE COMMISSIONER OF AGRICULTURE FOR THE YEAR 1926

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Five western rye grass plants in rows 6 inches
apart yielded at the rate of 1643 lbs. of seed to the acre.
As the distance between rows increased, the yield gradually
fell off to 754 lbs. at 24 inches.

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the period 1918-26, have been prepared for immediate
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under the name "Timfloy". It has been found that timothy
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on account of a shortage of soil nitrates. For the same
reason, crops following an old timothy sod generally yield
poorly. It is therefore usually unprofitable to leave the
stands down longer than 3 or 4 years. For seed-production
better results are obtained by planting timothy in rows
20 to 36 inches apart. Timfloy seed loses its viability
more rapidly than seed which has retained the hull. This
justifies the present discrimination against hulless seed.
The tendency to lose the hull is not a varietal character-
istic, but is governed by environmental conditions. The
high quality (plumpness) of our Alberta-grown seed
increases the amount of hulling. Certain practices, however

may be used to reduce the loss of hull. These include: cutting the crop when slightly immature; curing thoroughly in the open before storing under cover; threshing when the crop has been slightly re-moistened by dew or rain; adjusting the thresher cylinder to run at about ⅔ normal speed, and opening the concaves as far as possible consistent with complete threshing.

A grass and perennial legume garden was started this year, which it is hoped to enlarge gradually and maintain continuously. Its main purpose is to preserve a large collection for educational purposes, for the use both of visitors and of our own students. Other demonstrations material grown this year includes: 66 varieties of wheat, 76 of oats, 56 of barley, and smaller numbers each of potatoes, carrots, mangels, sugar beets, turnips and swedes.

Cooperative experiments reported last year were continued. These include: a nursery of wheat and oat varieties for the observation of rust and smut infection, in cooperation with the officers of the Division of Botany, Dominion Experimental Farms; an experiment on rates of seeding oats, with the Research Council Advisory Committee on Experimental Methods; a rod-row test of the Hardiness of 30 winter wheat varieties, with the United States Department of Agriculture; an experiment on the use of ammonium sulphate fertilizer on wheat, with the British Sulphate of Ammonia Federation; and our experiment on the

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1926

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of 30 winter wheat varieties, with the United States
Department of Agriculture; an experiment on the use of
ammonium sulphate fertilizer on wheat, with the British
Sulphate of Ammonia Association; and our experiments on the

relation of wheat quality to environment, with the various experimental stations in Alberta and the Universuity of British Columbia.

IV - Plant Breeding

The plant-breeding work with cereals during the past season included 76 centgeners, and yield tests of 385 strains in rod-row plots. The yields of some of the more interesting of these are tabulated above (Section II).

Inbreeding work was continued with corn, 65 strains being self-fertilized this season. From earlier cross-breeding work, 22 F_2 and 36 F_3 strains were grown, the majority ripening some seed. Yield tests of corn included 18 strains. It was, however, a rather unfavourable season for this work, July being very dry and the remainder of the season too wet and cold.

Mass selection was continued with 3 inbred strains of sunflowers.

Progress was also made with the alfalfa, Altaswede clover and timothy breeding projects reported last year.

Six new grasses were given preliminary tests. Bromus marginatus, and introduction from California seeded in 1925 appears quite promising, being a vigorous grower but lacking the objectionable creeping habit of common brome.

Potato breeding work included 101 tuber unit tests and 22 strains in rod-row plots. The highest strain yielded at the rate of 453 bushels to the acre, considerably lower than in the more favourable season of 1925.

REPORT OF THE DOMINION BOTANIST FOR THE YEAR 1932

relation of resistance to parasitism, with the various experimental stations in Alberta and the University of British Columbia.

IX - Plant Breeding

The plant-breeding work with cereals during the past season included 76 centgeners, and yield tests of 388 strains in rod-row plots. The yields of some of the more interesting of these are tabulated above (section IX).

Emphasis on work was continued with oats, 62 strains being self-fertilized this season. From earlier crossbreeding work, 22 F2 and 56 F3 strains were grown, the majority ripening some seed. Yield tests of oats included 18 strains. It was, however, a rather unfavourable season for this work. July being very dry and the remainder of the season too wet and cold.

Head selection was continued with 3 improved strains of sunflowers.

Progress was also made with the alfalfa, alsikewede clover and timothy breeding projects reported last year.

Six new grasses were given preliminary tests. Immune marginatum, and introduction from California seeded in 1928 appears quite promising, being a vigorous grower but lacking the objectionable creeping habit of common brome.

Potato breeding work included 101 tuber unit tests and 22 strains in rod-row plots. The highest strain yielded at the rate of 490 bushels to the acre, considerably lower than in the more favourable season of 1928.

The dry weather in July was probably a serious factor in reducing yields this year.

V. Special Investigations

A report on the genetical and cytological studies on the origin of false wild oats was published in Scientific Agriculture, vol. 6, no. 9 May, 1926. The work here this season was limited to the growing of some plants to study the breaking-up of heterozygous false wild forms.

Work is progressing on the problem of sterility in alfalfa. At present most attention is being given to a microscopic study of the normal development of the flower. It is intended later to examine the effect of environment on the developmental processess in different strains of alfalfa. A preliminary investigation of the effect of soil differences on seed yield is being carried out in cooperation with the Department of the Interior Experimental Station at Brooks, Alberta.

Survey work on the botanical composition of our native hay and range lands was carried on this season in the Grande Prairie - Beaverlodge district, in cooperation with the Experimental Station at Beaverlodge. Identification of the specimens collected is being done at the University this winter.

A new project was begun in the form of a study of the Agropyrons, the group of grasses to which western rye, our most important hay grass, belongs. This may lead to the

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1926

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A new project was begun in the form of a study of the Agropyrons, the group of grasses to which western rye, our most important hay grass, belongs. This may lead to the

later introduction of improved forms.

Satisfactory progress has also been made with various other projects described in previous reports, including especially our investigations on the nature of resistance to frost, drought and disease in plants. These investigations, as well as the plant-breeding work, have received additional aid from the National Research Council this winter, in the form of a grant for the installation of temperature control and artificial lighting in our greenhouse. In the past we have experienced great difficulty in getting a generation of plant-breeding material grown to maturity in the winter, but it is now possible to secure healthy vigorous growth even in the short-day season of the year.

DEPARTMENT OF ANIMAL HUSBANDRY

No material change has been made during the past year in the undergraduate courses offered by this Department. Twelve courses covering the different phases of the work are now available, four of these are compulsory and are given to first and third year students. The remaining eight courses, for senior students, are outlined to provide more advanced work for those who wish to specialize in Animal Husbandry. A course in farm meats will be given just as soon as facilities are available to handle this particular work.

Arrangements have been made during the past year

EXPENSE OF THE DIVISION OF AGRICULTURE FOR THE YEAR 1922

for broadening out the work offered to graduate students. Two courses of a distinctly advanced nature have been added and this Department is now in a position to give a reasonable amount of both lecture and laboratory work to those wishing to continue for a Master's Degree.

A considerable portion of the time of the staff throughout the entire year is devoted to experimental and research work. This phase is developing year by year. Not only is it essential that a public institution should be doing its full share to help solve the many practical and scientific problems that demand attention, but the results of such investigations are of very great value from the standpoint of class room instruction.

EXPERIMENTAL WORK

Beef Cattle - The experimental work in beef cattle is confined to the winter finishing of steers. During the past year three different projects have been completed, each of which included three or more trials. These three particular experiments were undertaken with a view:

1. To determine the value of silage in the ration for finishing steers:

2. To study the effect of a limited grain ration as compared to a full grain ration.

3. To secure data on the returns to be expected when home grown feeds such as alfalfa hay, oat hay, and barley and oats are marketed through steers. The results show that silage has an important place in

The ration for fattening cattle in Central and northern Alberta. Limiting the amount of grain fed to finishing steers results in more economical gains, and a better utilization of the feed used than when full fed. On the other hand, the finish secured is not as great as is the case with animals that receive a full allowance. The answer to the question of the most economical amount of grain to feed is determined by such factors as the relative price of grain and roughages, the length of the feeding period, and the quality of the cattle. Three years' work has demonstrated that satisfactory returns are received when either alfalfa hay or oat hay, together with barley and oats are marketed through the medium of steers.

The results of the three experiments are reported in Bulletin No. 13, issued in October this year.

Three trials have been completed in the feeding of linseed oilmeal to fattening steers. The results are not yet sufficiently clear cut to justify a definite statement and it is proposed to continue this particular test at least one more year. Last year two other projects were undertaken, namely, the value of minerals for fattening steers, and a comparison of steers and heifers in the feed lot. No report on these two experiments will be available for some time yet.

Dairy Cattle - Two feeding trials were conducted during the past year. One to compare the value of oat silage

The ration for fattening cattle in Central and northern Alberta. Limiting the amount of grain fed to finishing steers results in more economical gains, and a better utilization of the feed used than when full fed. On the other hand, the finish secured is not as great as is the case with swine is that receive a full allowance. The answer to the question of the most economical amount of grain to feed is determined by such factors as the relative price of grain and roughage, the length of the feeding period, and the quality of the cattle. Three years' work has demonstrated that satisfactory returns are received when either alfalfa hay or oat hay, together with barley and oats are marketed through the medium of steers.

The results of the three experiments are reported in Bulletin No. 12, issued in October this year.

Three trials have been completed in the feeding of linseed oilmeal to fattening steers. The results are not yet sufficiently clear cut to justify a definite statement and it is proposed to continue this particular test at least one more year. Last year two other projects were undertaken, namely, the value of minerals for fattening steers, and a comparison of steers and heifers in the feed lot. No reports on these two experiments will be available for some time yet.

Dairy Cattle - Two feeding trials were conducted during the past year. One to compare the veins of oat silage

and sunflower silage for milk production. The feeding of alfalfa hay to dairy cows, together with oat silage and a grain mixture of oats and barley, maintained the production of milk and butter fat practically as well as when the animals were fed a ration of oat hay, oat silage and a grain mixture of oats and barley, supplemented with linseed oilmeal and bran. The oat hay ration, however, tended to maintain the body weight of the cows somewhat better than when alfalfa hay was fed. Mimeographs containing a detailed report of these trials may be obtained from this Department.

Swine - During the past summer 29 groups of pigs were used in experimental work. The main problems under consideration were:

1. The value of pasture crops in pork production; and a comparison of rape, cereal mixture, oats and rye, sweet clover, alfalfa and sunflowers as pasture crops for swine.
2. The value of mineral mixtures for spring pigs on pasture and a comparison of simple and complex mineral mixtures.
3. A comparison of protein supplement for spring pigs.
4. The value of standard recleaned screenings in summer pig feeding.
5. The effect of various rations on the quality of the carcass and firmness of fat produced.

The results of these experiments indicate that a saving of from 20% to 25% may be effected in the cost of

REPORT ON THE FEEDING OF CHICKENS FOR THE YEAR 1934

and sunflower silage for milk production. The feeding of alfalfa hay to dairy cows, together with corn silage and a grain mixture of oats and barley, maintained the production of milk and butter fat practically as well as when the animals were fed a ration of oat hay, oat silage and a grain mixture of oats and barley, supplemented with linseed oilmeal and bran. The oat hay ration, however, tended to maintain the body weight of the cows somewhat better than when alfalfa hay was fed. Miscellaneous data relating a detailed record of these trials may be obtained from this Department.

POULTRY - During the past summer 89 pigeons of pigeon were used in experimental work. The main problems under consideration were:

1. The value of peanuts grown in pure production; and a comparison of raw, cereal mixture, oats and rye, wheat clover, alfalfa and sunflowers as pasture crops for swine.
2. The value of mineral mixtures for spring pigs on pasture and a comparison of simple and complex mineral mixtures.
3. A comparison of protein requirement for spring pigs.
4. The value of standard tankage in summer pig feeding.
5. The effect of various rations on the quality of the carcass and firmness of fat produced.

The use ix of three experiments indicate that a saving of from 20% to 30% may be effected in the cost of

producing pork through the use of pasture crops. Over a period of years alfalfa has made a better showing than the other pasture crops tested, followed closely by rape. The results secured from mineral feeding have been encouraging. The addition of mineral mixtures to the rations of pigs on pasture, fed a non-supplemented grain ration, resulted in pigs making twice as rapid daily gains on a 30% smaller feed requirement. A three year project dealing with the effect of various feeds and methods of feeding on the type of hog and quality of carcass produced has shown that self fed pigs graded a slightly higher percentage of "selects" and slightly higher percentage of suitable Wiltshires than pigs fed a limited grain ration during the pasture season. The use of pasture led to the production of a slightly higher percentage of select hogs and suitable Wiltshires than dry lot feeding. This work also indicates that the length of the carcass could not be modified to any significant degree by any particular ration or method of feeding.

Fourteen groups of fall pigs will be fed experimentally during the present winter. These experiments will deal with such problems as:

1. The cost of producing fall pigs in Alberta.
2. Comparison of protein supplements for fall pigs.
3. The value of mineral mixtures in fall pig feeding.
4. The value of standard rectified screenings for fall pigs.
5. The effect of sunlight as to the growth and economy of gains of fall hogs.

Previous experiments in fall pig feeding have shown that fall pigs can be profitably grown in Alberta. Expensive shelters have not been required; sows farrowing in the fall have raised a higher percentage of pigs to weaning age than sows farrowing in the spring, and fall pigs have been marketed at a 12 % higher price than spring pigs. The average profits per head on fall pigs, based on an average of six years' experiments, and allowing liberal prices for feed consumed, was $5.85 per head. The fall pig feeding experiments have shown that the proper use of protein supplements and mineral mixtures are important considerations in economical fall pig production, and have indicated that standard recleaned screenings have a high feeding value.

Sheep - Additional data was secured comparing the practice of breeding ewes as lambs and as shearlings. This work has now been in progress for some years, but the nature of this particular experiment is such that no definite data will be available until all the ewes used in these trials reach maturity.

Four years' work has been completed, comparing oat hay and prairie hay as well as oat silage and sunflower silage as roughages for pregnant ewes. Strong and well-developed lambs have resulted by the feeding of either oat hay or prairie alone, or with either of the two silages in question, when potassium iodide was fed in conjunction with them. The feeding of silage had no deleterious effects and maintained the ewes in a better condition of flesh than was the case

REPORT OF THE DEPARTMENT OF AGRICULTURE FOR THE YEAR 1922

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when no silage was fed.

In a fattening lamb trial during the past winter, with range lambs, it was found that by adding a small amount of linseed oil meal to the grain 6% more rapid gains were secured.

Feeders' Day - The fifth annual Feeders' Day, held this year in April, again proved that this feature is appreciated by the farmers and livestock men of the Province, as evidenced by an attendance of over two hundred. The volume of experimental and research work to be reported on has now reached the point when it is impossible to discuss in one day all the phases of interest. Consideration is being given to the advisability of holding two Feeders' Days each year; one in the spring when the results of the beef and dairy cattle work are available, and another in November, upon the completion of the swine and sheep trials undertaken during the summer.

Publications - The bulletin on The Production of Fall Pigs in Alberta was revised during the past summer. The supply of the original issue of 1924 was exhausted, and as considerable work has been done on this phase of swine production during the past two years it was considered advisable to bring this work up to date in a new issue. The results of several years' work on three separate projects in steer feeding was reported in Bulletin No. 13. This included a report on the three experiments mentioned previously under Experimental Work with Beef Cattle.

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Steer Exhibits - The University was represented again this year in the market cattle classes at both the Royal Agricultural Winter Fair at Toronto and the International Livestock Exposition at Chicago. This year's shipment included seventeen animals - eight pure-bred Aberdeen-Angus steers, five pure-bred Shorthorn steers; three pure-bred Hereford steers; and one cross-bred heifer.

This is the sixth exhibit from this institution and it is only through the co-operation of the breeders in the Province that such an exhibit is possible. The breeders contribute the calves, and the University undertakes to develop and show them. In addition, a few animals from the University herd help to make up the full number each year. The consistently good showing that has been made since 1920 when the first exhibit was made, has gone a long way towards demonstrating the fact that conditions in Alberta are favourable for the production of the highest type of beef cattle. The Alberta Provincial Government, together with the Dominion Livestock Branch, have paid the freight charges on the exhibit during the past years. The opportunity is taken at this time to again express appreciation to all the breeders who have at any time donated calves, and also to both the Provincial and Dominion Governments for the practical assistance they have given.

A particularly good showing was made this year at both the Toronto and Chicago shows. At the Toronto Show the highest honour that can be won by any animal (Grand Champion)

REPORT ON THE COLLEGE OF AGRICULTURE FOR THE YEAR 1950

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in the market classes was awarded to a junior yearling Shorthorn steer bred by A.S.McDougall of Champion, and donated in 1925 to the University. The Aberdeen-Angus calf from the herd of C.A.Richardson won the championship for this breed, and a junior yearling Hereford bred at the University Farm was picked for champion of the Hereford steers. At Chicago, where only six animals were shown, the University steers won two firsts; two seconds; and a third. In addition to the awards mentioned above, several other entries were well up in the money at Toronto. The following list sets out in detail the various winnings in the different classes, together with the breeder of the animals:

Royal Agricultural Winter Fair, Toronto

ne of Animal	Breeder	Breed	Class	Award
ne Diamond	G.M.Thomas Youngstorn	Shorthorn	Senior Yearling	Third
more 2nd	A.S.McDougall Champion	Shorthorn	Junior Yearling	First & Champion,also Grand Champio
le's Red Lad	University of Alta. Edmonton	Shorthorn	Senior calf	Fourth
ta Bartlett d	A.E.& E.C.Clemons Sedgewick	Aberdeen Angus	Senior Yearling	Third
y of illymarno	Wm. Gibb Killam	Aberdeen Angus	Senior Yearling	Third
ile of t View	O.G.Granlin Stavely	Aberdeen Angus	Senior Yearling	First & Breed Champio
xhall Pride	Vauxhall Stock Farm Ltd. Vauxhall	Aberdeen Angus	Junior Yearling	Third

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1926

In the market classes was awarded to a Junior Yearling Shorthorn steer bred by A.E.McDougall of Chamption, and donated in 1925 to the University. The Aberdeen-Angus calf from the herd of G.A.Nicholsdeen won the championship for this breed, and a Junior Yearling Hereford bred at the University Farm was picked for champion of the Hereford classes. At Chicago, where only six animals were shown, the University steers won two firsts; two seconds; and a third. In addition to the awards mentioned above, several other entries were well up in the money at Toronto. The following list sets out in detail the various winnings in the different classes, together with the breeder of the animals:

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Breeder	Breed	Class	Award
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A.E.McDougall Chamption	Shorthorn	Junior Yearling	First & Champion, also Grand Champion
University of Alta. Edmonton	Shorthorn	Senior only	Fourth
A.E.& E.G.Clemens Sedgewick	Aberdeen Angus	Senior Yearling	Third
Wm. Olsb Killam	Aberdeen Angus	Senior Yearling	Third
O.G.Graham Stavely	Aberdeen Angus	Senior Yearling	First & Breed Champion
Vanwell stock Farm Ltd. Vanwell	Aberdeen Angus	Junior Yearling	Third

me of Animal	Breeder	Breed	Class	Award
lde's Lad	C.H.Richardson Bowden	Aberdeen Angus	Senior calf	First and Breed Champion
stus U.A.	University of Alta.Edmonton	Aberdeen Angus	Senior calf	Fourth
nama Donald A.	University of Alta.Edmonton	Hereford	Junior Yearling	First and Breed Champion
ohn Donald 7th	Wm. Parslow Calgary	Hereford	Junior Yearling	Second
gentine	University of Alta. Edmonton	Crossbred	Senior Calf	Fifth

oup of three steers under 1000 pounds - all bred by the University of Alberta ..... Third

oup of three steers over 1200 pounds - Lismore 2nd.
Vauxhall Pride ..... First and
Panama Donald Champion

International Livestock Exposition, Chicago

lde's Lad	C.H.Richardson Bowden	Aberdeen Angus	Senior calf	First, and also third in John Cla Special
ama Donald	University of Alberta Edmonton	Hereford	Junior Yearling	First
hn Donald 7th	Wm. Parslow	Hereford	Junior Yearling	Second
more 2nd	A.S.McDougall Champion	Shorthorn	Junior Yearling	Second

Horses - A total of twenty-two horses are maintained by the Department of Animal Husbandry at the present time. These include nine pure-bred Percherons, five mares and four geldings. Six pure-bred Belgians, four of these being mares and one gelding. In addition there is one driving horse and one saddle pony.

REPORT OF THE CONDITION OF AGRICULTURE FOR MAY YEAR 1922

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m Donald h	Wm. Paralow Calgary	Hereford	Junior Yearling	Second
ntine	University of Alta. Edmonton	Shorthorn	Senior Calf	First

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Champion

Permin Donald

Individual Livestock Exposition, Chicago

e's Lad	C.H.Richardson Bowden	Aberdeen Angus	Senior calf	First, also t in Jun
me Donald	University of Alberta Edmonton	Hereford	Junior Yearling	First Champio
e Donald h	Wm. Paralow	Hereford	Junior Yearling	Second
ore Bud	A.S.McDougall Champion	Shorthorn	Junior Yearling	Second

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Beef Cattle - At no time in the history of the herd has there been a more promising lot of young calves than are on hand at the present time. There has been a substantial increase of females in both the Aberdeen-Angus and Hereford herds.

The development in the Shorthorn herd has now reached the point where a number of breeding females may be offered for sale. Practically all the male calves in the beef herd are sold as steers, many of these are included in the show herd each year.

A Shorthorn bull-calf was purchased within the last month to head the University herd. This calf came from the herd of Jas. Douglas of Caledonia, Ontario. He is sired by a grandson of Browndale and out of an imported cow. In a strong class of senior calves at the Canadian National Exhibition this year he won first place, and a few months later stood second at the Royal Show at Toronto.

Included in the beef herd at the present time are a number of steer calves of various ages that have been donated by several breeders in the Province during the past eight months. These are being fitted for the shows next year. In addition to the pure-bred beef cattle a small herd of grade cows is maintained to nurse the calves being carried along for show purposes.

In December 1926 the beef herd at the University is made up of twenty-seven Shorthorn females, ten Aberdeen-Angus females and fourteen Hereford females; twenty-six

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1926

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head of show steers of various ages, representing the three beef breeds; in addition there are two shorthorn bulls, two Aberdeen Angus bulls and one Hereford bulls together with twenty nurse cows. A total of one hundred and two head.

Dairy Cattle - The Dairy herd comprises thirty Holstein and eleven Jerseys. A shortage of stable room and a limited area available for summer pasture reasonably close to the farm buildings means that the number of animals in the dairy herd must necessarily be kept comparatively small.

The only addition made to the dairy herd during the past year was one Jersey bull calf. This bull was purchased from the herd of B.H.Bull & Sons, Brampton, Ontario. He is sired by Fern's Oxford Noble 2nd., and out of an Island-bred cow. He comes from one of the best families of the breed, backed up by high milk and fat production and a line of breeding outstanding in development of good udders and teats. In a strong class of senior bull calves at the Royal Agricultural Winter Fair at Toronto in 1926 he was awarded junior champion and reserve grand champion bull.

Thirteen cows qualified in the Record of Performance during the past year. Several of these records are worthy of special mention. A 640 pound butter fat record was made by the four-year-old Jersey heifer U.A.Silk Gown 5th, who produced 11, 180 pounds of milk testing 5.7 per cent. A good three-year-old record was completed by another Jersey,

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U.A.Gipsy Eureka 4th. She produced 11, 619 pounds of milk testing 5.05 per cent, making 587 pounds of butter fat. These two records are the highest for Jersey cows in the Prairie Provinces in their respective classes.

Pontiac Hulda Wayne, a mature Holstein cow, gave 708 pounds of butter fat from 19, 894 pounds of milk. Ellenroe Wayne Beatrice, a four-year-old of the same breed, made an exceptionally good 305 day record of 602 pounds butterfat and 18,937 pounds milk, also carrying a calf 260 days during her lactation period. Another 600 pound butter fat record was made by Strathmore Canary DeKol.

There has been a good demand for young dairy bull calves from the University dairy herd during the past year. Eight bulls were sold to breeders in various parts of the Province and several more could have been placed had they been available

Swine - The breeding herd of swine has been maintained at the usual number of approximately 50 head. Tamworths and Yorkshires comprise the major part of this number, with a fair representation of Berkshires and just sufficient Duroc Jerseys and Poland Chinas for class room purposes. With a view to further improving the quality of the Tamworths and Yorkshires the Junior Champion Tamworth boar and second and sixth prize six months Yorkshire boars were purchased ar the 1926 Toronto Royal Agricultural Winter Fair.

A keen demand has been experienced during the past year for breeding stock of both sexes. Between fifty and sixty weanling and six to seven months old boars, mainly Yorkshires

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Swine - The breeding herd of swine has been maintained at the usual number of approximately 80 head. Yorkshire and Tamworth comprise the major part of this number, with a few representatives of Berkshire and just sufficient Duroc Jersey and Poland China for class room purposes. With a view to further improving the quality of the Tamworths and Yorkshires the Junior Champion Tamworth boar and second and sixth prize six months Yorkshire boars were purchased at the 1934 Toronto Royal Agricultural Winter Fair.

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and Tamworths, have been shipped to farmers in various parts of the Province, and in addition some thirty bred gilts were distributed. Since only individuals of very superior quality are distributed it may be expected that this stock will have a marked effect in improving the quality of commercial hogs raised in the various districts to which they were consigned. In this connection it is gratifying to note that inquiries for breeding stock come from all parts of the Province rather than from only the territory adjacent to Edmonton.

During the year some 400 spring pigs and 140 fall pigs were farrowed. The majority of the spring farrowed pigs were used in summer experimental feeding projects, and were all marketed by December 1st on a satisfactory market. The fall pigs are being used in fall pig feeding experiments during the present winter.

Sheep - The University flock is made up of pure breds of five different breeds - Hampshires, Leicesters, Oxfords, Shropshires and Suffolks. In addition a flock of 100 grade ewes is maintained for experimental work. During the past year a reduction was made in the grade flock, and the number of pure bred ewes was increased slightly, at the present time numbering one hundred and twenty-seven. One pure bred Oxford ram lamb was the only purchase made in connection with the flock during the year. The ram was obtained from P.Arkell & Sons, Teeswater, Ontario.

A very satisfactory lamb crop, both from point of numbers

REPORT ON THE WORKS OF ADVANCING FOR THE YEAR 1926

and quality, can be reported again this year. There was an average increase of one hundred and seventy-four per cent. The mortality was low and reasonably good prices were obtained for both breeding and commercial lambs.

There is an increasing number of inquiries each year for pure-bred breeding stock of both sexes. During 1926 thirty-eight rams and eleven ewe lambs were distributed to breeders in Alberta. The University flock has now become known outside of the Province, and within the last year breeders in both Eastern Canada and the United States have been anxious to secure rams bred at this Institution.

A small flock of Hampshire sheep was exhibited at both Calgary and Edmonton Shows the past summer. In strong competition representatives of the University flock were awarded six firsts, nine seconds, three thirds, three fourths and three fifths.

The Farm - The University farm is heavily stocked; the result is that a considerable portion of the land is necessary to provide sufficient pasture. In addition, it is necessary to produce a li eral supply of silage for winter feeding. In seasons of a good crop there is usually a limited area remaining for the production of green feed. The season of 1926 in the Edmonton district was none too favourable for crop growth; practically no rain fell during the month of July and early August, consequently the amount of home-grown feed available for winter feeding is somewhat less this year than usual. Approximately 600 tons of silage(oats

REPORT OF THE COMMITTEE OF AGRICULTURE FOR THE YEAR 1926

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and sunflowers) together with 25 tons of green feed was harvested. This will necessitate the purchase of considerable feed, both hay and grain, in order to carry the livestock through until pasture is again ready. The subdivision west of the University grounds, and known as Windsor Park, containing approximately 80 acres was leased again t his year. Provision has been made during the past two or three years to seed part of the farm to a mixture of brome and rye grass in order to establish a permanent pasture. This has proven much more satisfactory than depending entirely on pastures, such as oats or other cereals.

EXTENSION WORK

In conclusion it might be well to indicate the more important means of contact between the College of Agriculture and the farmers of Alberta:

1st. - Bulletins - We have now put out the following:

1. Roughages for Wintering Pregnant Ewes.
2. Growing Sweet Clover
3. Growing Registered Seed in Alberta
4. Altaswede Red Clover
5. Potato Diseases.
6. Plows and Plowing - 2nd Edition
7. The Production of Fall Pigs in Alberta
8. Oats. vs. Sunflower Silage for Fattening Steers.
9. The Use of Rope on the Farm.
10. Binder and Knotter Troubles - 2nd Edition
11. Soil Survey Report, MacLeod Sheet.
12. Age as a factor in the Profitable Feeding of Steers
13. Steer Feeding Problems.

Circulars -
1. Potato Seed Treatment
2. Howes' Alberta Flint Corn
3. Steer Feeding in Alberta
4. Legume Inoculation.

REPORT OF THE COLLEGE OF AGRICULTURE FOR THE YEAR 1936

and sunflowers) together with 80 tons of green feed was harvested. This will necessitate the purchase of considerable feed, both hay and grain, in order to carry the livestock through until pasture is again ready. The subdivision west of the University grounds, and known as Windsor Park, containing approximately 80 acres was leased again this year. Provision has been made during the past two or three years to seed part of the farm to a mixture of brome and rye grass in order to establish a permanent pasture. This has proven much more satisfactory than depending entirely on pasture, such as oats or other cereals.

MARKETING WORK

In conclusion it might be well to indicate the more important means of contact between the College of Agriculture and the farmers of Alberta:

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5. Potato Diseases.
6. Plows and Plowing - 2nd Edition
7. The Production of Fall Pigs in Alberta
8. Oats, vs. Sunflower Silage for Fattening Steers.
9. The Use of Hops on the Farm.
10. Blister and Scarter Trouble - 2nd Edition
11. Soil Survey Report, Macleod Sheet.
12. Tips on a Factor in the Profitable Feeding of Steers
13. Steer Feeding Problems.

Circulars -

1. Potato Seed Treatment
2. Horse, Alberta Pilot Corn
3. Steer Feeding in Alberta
4. Swine Inoculation.

Research Bulletins

1. The Nature and Practical Measurement of Frost Resistance in Winter Wheat.
2. Wireworms of Alberta.

It should be pointed out that these bulletins are the direct result of investigation, study and experience, on the part of the different writers. Our bulletins are, for the most part, based upon direct experimentation. There is a small list of men and institutions to whom these bulletins are sent, but for the most part they are sent only upon request. They are published under the auspices of the Publications Committee of which the head of the Extension Department is secretary. The distribution takes place through the Extension Department and through the Department of Agriculture. There has been a very large demand for these bulletins; most of these are going through the second edition as the first is exhausted, within the short time we have been publishing.

2nd. - Lectures and Addresses - As much of this work is carried out, as is practicable with the number of men in the Faculty. We are call upon for many lectures and addresses arranged directly. In addition the Department of Agriculture has always employed members of our staff in connection with exhibitions, conventions, and individual meetings. It is not always possible to meet the demand for this type of service because most of the meetings and conventions are held during the winter months when the members of our staff are busy

Research Bulletins

1. The Nature and Time of Assessment of Trees Resistance to Air or Theat.
2. Diseases of Alfalfa.

It should be pointed out that these bulletins are the direct result of investigation, study and experience, on the part of the different writers. Our bulletins are, for the most part, based upon direct experimentation. There is a small list of men and institutions to whom these bulletins are sent, but for the most part they are sent only upon request. They are published under the auspices of the Publications Committee of which the head of the Extension Department is secretary. The distribution takes place through the Extension Department and through the Department of Agriculture. There has been a very large demand for these bulletins; most of these are going through the second edition as the first is exhausted, within the short time we have been publishing.

End. - Lectures and Addresses - In much of this work is carried out, as is practicable with the number of men in the faculty. We are call upon for many lectures and addresses arranged directly. In addition the Department of Agriculture has always employed members of our staff in connection with institutes, conventions, and individual meetings. It is not always possible to meet the demand for this type of service because most of the meetings and conventions are held during the winter months when the members of our staff are busy

with the duty of teaching.

3rd. -Radio Service - A microphone has been set up in the rooms of the Extension Department and the University as a whole gives the C.J.C.A. program each Monday night. On this program is a lecture given by a member of our staff; sometimes two lectures. With the large number of receiving sets in the farm homes of Alberta today, this has been a wonderful means of establishing a direct service in agriculture, and the large amount of correspondence resulting from it is an indication that it is hightly appreciated.

4th. Direct Correspondence - This work has become heavier each year and has received a decided impetus through the radio service. The heads of each of the departments have a heavy correspondence to handle, either directly or indirectly. High water mark was reached when one Professor received 76 letters in one day. Of course all of these do not call for a reply, but over half of the letters are made up of specific questions which must be answered in detail. This is a quiet form of service not generally known, but is effective because it reaches those who ask for the help.

Respectfully submitted

E. A. Howes

E.A.Howes,
Dean.

REPORT OF THE DIRECTOR OF AGRICULTURE FOR THE YEAR 1922

with the duty of teaching.

3rd. Radio Service - A microphone has been set up in the rooms of the Extension Department and the University as a whole gives the O.A.C. program each Monday night. On this program is a feature given by a member of our staff; sometimes two lectures. With the large number of receiving sets in the farm homes of Alberta today, this has been a wonderful means of establishing a direct service in agriculture, and the large amount of correspondence resulting from it is an indication that it is highly appreciated.

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Respectfully submitted

J. B. Reynolds

J.A.Howes,
Dean.

APPENDIX II

THE REPORT OF THE DEPARTMENT OF EXTENSION

APPENDIX II

THE REPORT OF THE DEPARTMENT OF EDUCATION

ANNUAL REPORT
of
DEPARTMENT OF EXTENSION, UNIVERSITY OF ALBERTA
FOR YEAR ENDING JUNE 30th, 1926.

We have to record substantial increases in several departments of our work. As was pointed out in the report of a year ago, the incidence of extension work constantly changes, but on the whole our services are in greater demand than ever before.

Summarized statistics will be presented under the usual headings:

EXTENSION LECTURES.

During the twelve months covered by this report, 488 lectures were given to audiences aggregating 55,545 - an average attendance of 113. This is in comparison with 325 lectures to audiences aggregating 31,486 in the corresponding period of the previous year.

The course in general history to employed women in the Y.W.C.A. Club Room at Edmonton was continued. Lecturers taking part were: Prof. Burt, Mr. Long, Mr. Cameron, Prof. Burgess, Prof. Broadus, Dr. Kerr, and Messrs. Ottowell and Corbett. The interest was well maintained.

As in previous years courses of lectures were given to Boards of Trade in Edmonton, Calgary, Lethbridge, Medicine Hat, Vegreville, Lacombe and Bentley. Special lectures were arranged for other Boards of Trade also.

Owing to shortage of staff and the heavy demand for services elsewhere, we were obliged to discontinue the lectures to the prisoners in the Fort Saskatchewan gaol with the

ANNUAL REPORT
of
DEPARTMENT OF EXTENSION, UNIVERSITY OF KANSAS

FOR YEAR ENDING JUNE 30th, 1926.

We have to record substantial increases in several departments of our work. As was pointed out in the report of a year ago, the incidence of extension work constantly changes, but on the whole our services are in greater demand than ever before.

Summarized statistics will be presented under the usual headings:

EXTENSION LECTURES.

During the twelve months covered by this report, 688 lectures were given to audiences aggregating 80,865 - an average attendance of 118. This is in comparison with 358 lectures to audiences aggregating 81,486 in the corresponding period of the previous year.

The course in general history to employed women in the Y.W.C.A. Club Room at Edmonton was continued. Lectures taking part were: Prof. Burt, Mr. Lund, Mr. Cameron, Prof. Burgess, Prof. Strauder, Dr. Carr, and Messrs. Ottoway and Corbett. The interest was well sustained.

As in previous years courses of lectures were given to Boards of Trade in Edmonton, Calgary, Lethbridge, Medicine Hat, Vegreville, Lacombe and Bentley. Special lectures were arranged for other Boards of Trade also.

Owing to shortage of staff and the heavy demand for services elsewhere, we were obliged to discontinue the lectures to the prisoners in the Fort Saskatchewan gaol with the

opening of the new year.

The radio lectures were carried out consistently throughout the term each Monday evening. Such subjects as "Getting January Eggs", "Conquest of Disease", "Story of the Rocky Mountains", "The Wheat Stem Sawfly", and "House Plants" were dealt with.

Of the total number of lectures given, exclusive of Radio, 215 were given by the Director of the Department, 105 by the Assistant Director, 122 by Mr. McAllister, and 46 by other members of the University staff.

DEBATING AND PUBLIC DISCUSSION.

During the period covered by the report, 716 package libraries for debaters were sent out in comparison with 657 for the corresponding period of a year ago. The most popular subjects were:

Oriental Immigration,
Agricultural Immigration,
Government Ownership of Railways,
Construction of Hudson Bay Railway.

Owing to the general change in the high school curriculum, and the extra work incidental to it, the high school principals did not participate in the High School Debating League to the extent previously done. Only two schools entered in "A" Division and eight in "B" Division. Trophies were awarded to the Crescent Heights High School, Calgary, and Vegreville High School, in their respective groups. The subjects discussed were "Parliamentary vs Presidential Form of Government" and "The moral influence of newspapers in modern society".

CORRESPONDENCE COURSES.

Two correspondence courses in economics were

opening of the new year.

The radio lectures were carried out consistently throughout the term each Monday evening. Such subjects as "Getting Dairy Eggs", "Conquest of Disease", "Story of the Rocky Mountains", "The Wheat Stem Sawfly", and "House Plants" were dealt with.

Of the total number of lectures given, exclusive of Radio, 218 were given by the Director of the Department, 108 by the Assistant Director, 122 by Mr. McAllister, and 66 by other members of the University staff.

DEBATING AND PUBLIC DISCUSSION.

During the period covered by the report, 716 packages libraries for debaters were sent out in comparison with 637 for the corresponding period of a year ago. The most popular subjects were:

Oriental Immigration,
Agricultural Marketing,
Government Ownership of Railways,
Construction of Hudson Bay Railway.

Owing to the general change in the high school curriculum, and the extra work incidental to it, the high school principle did not participate in the High School Debating League to the extent previously done. Only two schools entered in "A" Division and eight in "B" division. Trophies were awarded to the Crescent Heights High School, Calgary, and Vegreville High School, in their respective groups. The subjects discussed were "Ratification by Provincial Parliaments of Government" and "The moral influence of newspapers in modern society."

CORRESPONDENCE COURSES.

Two correspondence courses in economics were

offered during the year - one on "Principles of Political Economy" and one on "Economics of Agriculture". There was a total registration of 22 - 16 and 6 in the respective groups. One hundred and forty-three (143) papers were corrected in these courses. Some 25 inquiries were made which did not result in registration. On the whole the standard of work done has continued to be high.

CONFERENCES.

The University Week for Farm Young People was held during the week June 3rd - 9th inclusive. There was an attendance of 100. In connection with the Week for this year, a scholarship competition has been instituted by the Department of Agriculture when one boy and one girl taking the highest standing will be eligible for a year's course, with all expenses paid, at one of the Provincial Schools of Agriculture.

NEW WORK.

A new departure last year was the handling of an exhibit at the Edmonton summer exhibition. In co-operation with the College of Agriculture an exhibit was prepared and carried through the Exhibition week, in which lantern slides, moving pictures, charts, demonstrations of milk testing, soil testing, and the like, were featured. Very great interest was shown by large numbers of people. The effort was a co-operative one; the Exhibition Association through the Board of Trade, and the North Alberta Land Settlement Association, provided the

offered during the year - one on "Principles of Political Economy" and one on "Economics of Agriculture". There was a total registration of 82 - 16 and 6 in the respective groups. One hundred and forty-three (143) papers were corrected in these courses. Some 88 inquiries were made which did not result in registration. On the whole the standard of work done has continued to be high.

CONFERENCE.

The University week for Farm Young People was held during the week June 2nd - 9th inclusive. There was an attendance of 100. In connection with the week for this year, a calf-rearing competition has been instituted by the Department of Agriculture when one boy and one girl taking the highest standing will be eligible for a year's course, with all expenses paid, at one of the provincial schools of Agriculture.

NEW WORK.

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space free of charge, and the University prepared the exhibit. This work was repeated at the exhibition this year.

TRAVELLING LIBRARIES.

During the twelve months covered by the report, 195 exchanges have been made in 183 communities, as against 235 exchanges in 206 communities for the corresponding period in 1924-25. In addition, 37 special libraries have been sent out, as against 57 last year. The total number of libraries circulated has been 183 regular plus 37 special - 220.

The recorded circulation of 119 regular libraries has been 8,205, which makes the average circulation for each library 68.4. The recorded circulation of 14 special libraries has been 426, an average of 30.2

These libraries have been sent to the following groups:

Communities	58
U.F.A.	36
U.F.W.A.	17
W.I.	9
S.D.	42
Other organizations	21
Total	183

OPEN SHELF

The circulation of books, pamphlets and pictures from the Open Shelf for the twelve months is as follows: The circulation for the corresponding period in 1924-25 is shown in parallel tables.

space free of charge, and the University prepared the exhibit. This work was repeated at the exhibition this year.

TRAVELLING LIBRARIES.

During the twelve months covered by the report, 195 exchanges have been made in 185 communities, as against 238 exchanges in 206 communities for the corresponding period in 1924-25. In addition, 37 special libraries have been sent out, as against 27 last year. The total number of libraries circulated has been 185 regular plus 37 special - 220.

The recorded circulation of 119 regular libraries has been 8,208, which makes the average circulation for each library 68.4. The recorded circulation of 14 special libraries has been 486, an average of 30.8

These libraries have been sent to the following groups:

Communities	88
F.W.A.	36
U.F.A.	17
I.	9
U.F.W.	4
Other organizations	31
Total	185

OPEN SHELF

The circulation of books, pamphlets and pictures from the Open Shelf for the twelve months is as follows:

The circulation for the corresponding period in 1924-25 is shown in parallel tables.

	1925-26	1924-25
Books (non fiction)	13,101	12,092
Books (fiction)	1,005	1,331
TOTAL books	14,106	13,423
Pamphlets (not debates)	505	696

Note:- The figures in the printed Annual Report for 1924-25 were inadvertently given for 11 months instead of 12 months.

Plays were supplied to 180 communities as against 212 in 1924-25.

The library was closed for six weeks during July and August, 1925, for alterations. In spite of this, the circulation of Open Shelf books shows an increase over that of the corresponding period of 1924-25.

VISUAL INSTRUCTION.

Lantern Slides.

1710 sets of lantern slides were sent out during the period covered by this report. From reports received, these were shown 2705 times to audiences aggregating 229,755. In the corresponding period of the previous year, 1825 sets were sent out. The decrease therefore is 115 sets.

Moving Picture Films.

During the twelve months, 542 sets of moving picture films were sent out. These were shown 916 times to audiences aggregating 85,640. In the corresponding period of the previous year 409 sets were sent out. The increase for this year is therefore 133 sets.

Lanterns Loaned.

During the period covered by this report, 167 electric and acetylene lantern outfits were loaned for occasional lectures.

	1925-26	1924-25
Books (non fiction)	13,103	15,093
Books (fiction)	1,008	1,837
TOTAL books	14,106	15,429
Pamphlets (not bound)	805	696

Note:- The figures in the printed Annual Report for 1924-25 were inadvertently given for 11 months instead of 12 months.

Visits were supplied to 180 communities as against 213 in 1924-25.

The library was closed for six weeks during July and August, 1925, for alterations. In spite of this, the circulation of Open Shelf books shows an increase over that of the corresponding period of 1924-25.

VISUAL INSTRUCTION.

Lantern Slides.

1710 sets of lantern slides were sent out during the period covered by this report. From reports received, these were shown 2702 times to audiences aggregating 259,758. In the corresponding period of the previous year, 1883 sets were sent out. The decrease therefore is 173 sets.

Moving Picture Films.

During the twelve months, 642 sets of moving picture films were sent out. These were shown 918 times to audiences aggregating 88,640. In the corresponding period of the previous year 609 sets were sent out. The increase for this year is therefore 133 sets.

Lantern Loaned.

During the period covered by this report, 187 electric and acetylene lantern outfits were loaned for occasional lectures.

Moving Picture Circuits.

The practice of organizing moving picture circuits was discontinued this year. The reduction in the budget for the Department was partially taken care of in this way.

PUBLICATIONS.

During the term, 10 Press Bulletins have been issued to a mailing list of 2300. Some of the subjects dealt with were:

Crop Varieties to be distributed by the Department of Field Husbandry.

What is Canada?

Peace in the Heart of Europe.

Whom we train we keep.

University Hospital in relation to public services.

Letters have been received from various parts of Canada and the United States asking for these bulletins.

The Department has continued to act as the agent for distribution of agricultural publications. Several thousands of such publications have been sent out during the year. During this period, 2052 letters requesting agricultural bulletins and circulars have been received.

ST. JOHN AMBULANCE ASSOCIATION.

The Provincial office of the St. John Ambulance Association is still in the Department of Extension. During the period covered by this report, 552 persons were instructed in First Aid and Home Nursing, and 488 certificates and awards were issued. In the corresponding period of the previous year 353 persons received instruction and 347 certificates and awards were issued. Mention should be made here of the cordial

Moving Picture Circuits.

The practice of organizing moving picture circuits was discontinued this year. The reduction in the budget for the Department was partially taken care of in this way.

MUSICAL TONE.

During the term, 10 Press Bulletins have been issued to a mailing list of 2300. Some of the subjects dealt with were:

Crop Varieties to be distributed by the Department of Field Husbandry.

What is Canada?

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When we train we keep.

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ST. JOHN AMBULANCE ASSOCIATION.

The Provincial office of the St. John Ambulance Association is still in the Department of Education. During the period covered by this report, 682 persons were instructed in First Aid and Home Nursing, and 488 certificates and awards were issued. In the corresponding period of the previous year 585 persons received instruction and 547 certificates and awards were issued. Mention should be made here of the cordial

co-operation in the First Aid work of the Workmen's Compensation Board.

STAFF.

We regret to record that during the year we lost the services of Mr. H.S. Patton who has accepted a position on the staff of the University of Cincinnati. The work in correspondence studies has been carried on by Mr. Drummond of the Department of Economics. Necessarily, some of the special courses of lectures in economics had to be withdrawn.

As in previous years, it is a pleasure to record that the zeal and loyalty of the staff of the Department leaves nothing to be desired.

CONCLUSION.

As forecast in last year's report, a remote control radio equipment has been installed in the Department, as noted under the heading of "Extension Lectures", and has been in regular use throughout the year. In addition to extension lectures, organ recitals and special musical programs have been broadcasted. We have received from all parts of the province and from different parts of Canada and the United States many letters of appreciation of our programs. In order to lighten and the burden of acknowledging this correspondence, we have had a postcard prepared, a copy of which is attached to this report.

A regrettable feature of the year's program has been the curtailment of grant. The result has been that work has suffered from failure to provide additional material, particularly lantern slides and moving picture films. Unless some way can be found to provide funds for this work, both

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the work itself and the prestige of the Department of Extension and the University must suffer severely.

It should be pointed out in conclusion that the various branches of our extension services have reached individuals and audiences aggregating over 400,000. While to some extent these would be duplicated, nevertheless the figures give some indication of the extent to which the services of the Department of Extension, in widening the influence of the University, have been effective.

All of which is respectfully submitted.

A.E. OTTEWELL.

DIRECTOR.

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It should be pointed out in conclusion that the various branches of our extension services have reached individuals and audiences aggregating over 600,000. While to some extent these would be duplicated, nevertheless the figures give some indication of the extent to which the services of the Department of Extension, in widening the influence of the University, have been effective.

All of which is respectfully submitted.

A.M. CLEMENTS.

DIRECTOR.

A P P E N D I X III

THE REPORT OF THE PROVINCIAL LABORATORY

APPENDIX III

THE REPORT OF THE PROVINCIAL TREASURER

REPORT OF THE DIRECTOR OF THE PROVINCIAL LABORATORY

- 1926 -

I have the honour to submit the following report of the work done in the Provincial Laboratory during the year 1926.

The work has increased 26.8 % during the past year over the previous year. This increase is mainly with respect to blood, water, and miscellaneous examinations, and certain new work involving 2,608 examinations. The total number of examinations for the year was 25,459- an increase of over 5,000 specimens.

The laboratory has been assisted by the various departments of the University, particularly by the department of bio-chemistry where certain blood examinations, etc., have been done.

The chemical examination of water and milk has been carried out by the Provincial Analyst.

REPORT OF THE DIRECTOR OF THE PROVINCIAL LABORATORY

- 1926 -

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The work has increased 26.8 % during the past year over the previous year. This increase is mainly with respect to blood, water, and miscellaneous examinations, and certain new work involving 2,608 examinations. The total number of examinations for the year was 25,459- an increase of over 5,000 specimens.

The laboratory has been assisted by the various departments of the University, particularly by the department of bio-chemistry where certain blood examinations, etc., have been done.

The chemical examination of water and milk has been carried out by the Provincial Analyst.

TABLE # I

		Total No. Specimens 1925	Total No. Specimens 1926	In-crease	De-crease
COMMUNICABLE DISEASES:	Sputum	496	572	76	
	Diphtheria	767	663		104
	Typhoid Fever	212	142		70
WATERS:	Bacteriological	1,221	729		
	Bact. & Chemical		352		
	Chemical		106	166	
MILKS:	Bacteriological	1,280	982		
	Bact. & Chemical		79		
	Chemical		27		192
MOTHER'S MILK:		50	34		16
MISCELLANEOUS EXAMINATIONS:		1,716	2,035	319	
SMEARS FOR THE PRESENCE OF THE GONOCOCCUS:		1,983	2,270	287	
BLOODS FOR THE WASSERMANN TEST:		7,309	10,159	2,850	
PATHOLOGICAL HISTOLOGICAL MATERIAL;		5,014	4,495		519
MEDICO LEGAL EXAMINATIONS:		28	6		22
ICTERUS INDEX DETERMINATION:		-----	1,304	1,304	
VAN DEN BERGH:		-----	1,304	1,304	
TOTAL		20,076	25,459	6,306	923

Increase in number of specimens 5,383
Increase in percent 26.8 %

	Total No. Specimens 1965	Total No. Specimens 1964	Increase or Decrease
COMMUNICATED DISEASES:			
Typhoid Fever	495	476	19
Diphtheria	191	169	22
Scarlet Fever	1,227	1,231	4
MALARIA: Blood, Specimens	1,280	1,287	7
Bacteriological Examinations	27,179	28,085	906
MILK: Bacteriological Examinations	50	54	4
MOTOR BUS MILK:			
MISCELLANEOUS EXAMINATIONS:	1,772	2,072	300
SWABS FOR THE PRESENCE OF THE GONOCOCCUS:	1,785	2,270	485
BLOOD FOR THE WASSERMANN TEST:	17,509	10,179	7,330
PATHOLOGICAL HISTOLOGICAL MATERIAL:	8,054	4,495	3,559
MEDICO LEGAL EXAMINATIONS:	88	6	82
ICTERUS INDEX DETERMINATIONS:	----	1,204	1,204
VAN DEN BERGH:	----	----	1,204
TOTAL	59,075	53,459	6,304

Increase in Number of Specimens 5,389
26.8 %

TABLE # I

Table # I gives the details of the different types of examinations performed, and shows an increase of 5,383 examinations over the previous year.

TABLE # 2

Table # 2 shows the number of water and milk, special, and blood containers perpared and distributed during the year.

		1925	1926
WATER CONTAINERS:	Bacteriological	383	711
	Chemical	250	326
SPECIAL CONTAINERS:		3,472	3,900
BLOOD CONTAINERS:		6,934	8,657
TOTAL		11,039	13,594

Increase in number of containers prepared 2,555

Increase in percent 23 %

TABLE # 1

Table # 1 gives the details of the different types of examinations performed, and shows an increase of 5,389 examinations over the previous year.

TABLE # 2

Table # 2 shows the number of water and milk, special, and blood containers prepared and distributed during the year.

	1925	1926
WATER CONTAINERS:		
Bacteriological	389	712
Chemical	250	326
SPECIAL CONTAINERS:	3,472	3,900
BLOOD CONTAINERS:	6,954	8,657
TOTAL	11,059	13,594

Increase in number of containers prepared 2,535

Increase in percent 23 %

Table # 3 shows the number of cubic centimeters of autogenous and other vaccines prepared during the year.

TABLE # 3

	1925	1926
Typhoid Vaccine	4,975 c.c	4,180 c.c
Autogenous & other Vaccines	1,425 "	3,200 "
B. C. G. Vaccine	1,050 "	1,505 "
TOTAL	7,450 "	8,885 "

Increase in number of c. c's 1,435

Increase in percent 19 %

Table # 4 shows the detail of some of the work done by the laboratory in relation to the control of infectious diseases.

Table # 5 shows the increase in the number of blood examinations by the complement fixation test for the diagnosis of Syphilis.

Table # 3 shows the number of cubic centimetres of autogenous and other vaccines prepared during the year.

Table # 3

	1925	1926
Typhoid Vaccine	4,975 c.c.	4,180 c.c
Autogenous & other Vaccines	1,425 "	3,200 "
B. C. G. Vaccine	1,050 "	1,305 "
TOTAL	7,450 "	8,685 "
Increase in number of c.c's	1,235	
Increase in percent	19 %	

Table # 4 shows the detail of some of the work done by the Laboratory in relation to the control of infectious diseases.

Table # 5 shows the increase in the number of blood examinations by the complement fixation test for the diagnosis of Syphilis.

TABLE # 4

DISEASES:	No. of Specimens		No. of Physicians	No. of Post Offices
	Positives	Negatives		
PULMONARY TUBERCULOSIS	77	495	349	147
DIPHTHERIA	69	594		
TYPHOID FEVER	11	131		
TOTAL	157	1,220	349	147

Month	Sp'm	Diph.	Ty.Fv.	TOTAL
Jan.	37	53	6	96
Feb.	55	46	12	113
Mar.	62	61	13	136
Apr.	55	53	6	114
May	53	41	8	102
June	50	38	12	100
July	43	36	11	90
Aug.	39	42	29	110
Sept.	42	77	14	133
Oct.	40	71	16	127
Nov.	55	77	7	139
Dec.	41	68	8	117
	572	663	142	1,377

| | | |

TABLE # 5

Bloods Received	Bloods Examined	Bloods Positive to reaction	Bloods Negative to reaction	Bloods Unsuitable for examination
10,232				
	10,159			
		1,979		
			8,180	
				73

Bloods received from Calgary & South	2,340	
" " North of Calgary	7,819	
Number of blood examinations made in 1925		7,309
" " " 1926		10,159
Increase in number of specimens examined	2,850	
" percent	38.9 %	

PATHOLOGICAL HISTOLOGICAL DIAGNOSIS

During the year 4,495 specimens have been examined for diagnosis. This work is u der the direction of Dr. J. J. Ower.

Table # 6 gives the details of the bacteriological and chemical examination of water performed throughout the year.

TABLE # 5

Bloods Received	Bloods Examined	Bloods Positive to Reaction	Bloods Negative to Reaction	Bloods Unsuitable for examination
10,252				
	10,179			
		1,979		
			8,180	
73				

Bloods received from Ontario & South " " North of Ontario 2,340 7,819

Number of blood examinations made in 1929 " " " 1926 7,709 10,179

Increase in number of specimens examined 2,850

" persons 73.9 %

PATHOLOGICAL HISTOLOGICAL DIAGNOSIS

During the year 4,495 specimens have been examined for diagnosis. This work is a der the direction of Dr. G. D. Owen.

Table # 6 gives the details of the bacteriological and chemical examination of water performed throughout the year.

TABLE # 6

	1925	1926
Number of samples of water examined bacteriologically and found unfit for human consumption.	64	47
Number of samples of water examined bacteriologically and found fit for human consumption.	695	668
Number of samples of water examined bacteriologically and chemically and found fit for human consumption.	324	505
Number of samples of water examined bacteriologically and chemically and found unfit for human consumption.	41	47
Number of samples of water examined chemically and found fit for human consumption.	75	71
Number of samples of water examined chemically and found unfit for human consumption.	6	12
Number of samples of ice examined bacteriologically and found fit for human consumption.	16	11
Number of samples of ice examined bacteriologically and found unfit for human consumption.	0	3
Number of samples of sewage effluent examined chemically and found satisfactory.		21
Number of samples of sewage effluent examined chemically and found unsatisfactory.		2
TOTAL	1,221	1,387

Increase in number of specimens	166
Increase in percent	13.8 %

TABLE # 6

Number of samples of water examined bacteriologically and found unfit for human consumption.	64	47
Number of samples of water examined bacteriologically and found fit for human consumption.	695	668
Number of samples of water examined bacteriologically and chemically and found fit for human consumption.	324	305
Number of samples of water examined bacteriologically and chemically and found unfit for human consumption.	41	49
Number of samples of water examined chemically and for fit for human consumption.	75	71
Number of samples of water examined chemically and found unfit for human consumption.	6	12
Number of samples of ice examined bacteriologically and found fit for human consumption.	16	11
Number of samples of ice examined bacteriologically and found unfit for human consumption.	0	5
Number of samples of sewage effluent examined chemically and found satisfactory.		21
Number of samples of sewage effluent examined chemically and found unsatisfactory.		8
TOTAL	1,221	1,387
Increase in number of specimens	166	
Increase in percent	13.8 %	

Table # 7 gives the details of the bacteriological and chemical examination of milk performed throughout the year.

TABLE # 7

	1925	1926
Number of samples of milk examined bacteriologically	1,182	982
Number of samples of milk examined bacteriologically and chemically	93	79
Number of samples of milk examined chemically	5	27
TOTAL	1,280	1,088

Number of milks examined showing low butter fat	5	15
Number of milks examined bacteriologically with bacterial count above 30,000	246	111
Number of non-pasteurized milks examined bacteriologically with bacterial count above 300,000	282	121

Pasteurized milk samples	236
Non-pasteurized milk samples	852

Table # 7. Gives the details of the bacteriological and chemical examination of milk performed throughout the year.

TABLE # 7

	1925	1924
Number of samples of milk examined bacteriologically	1,182	982
Number of samples of milk examined bacteriologically and chemically	93	79
Number of samples of milk examined chemically	5	17
TOTAL	1,280	1,088

Number of milks examined showing low butter fat	5	13
Number of milks examined bacteriologically with bacterial count above 30,000	246	111
Number of non-pasteurized milks examined bacteriologically with bacterial count above 300,000	282	121

Non-pasteurized milk samples 852
Pasteurized milk samples 324

MISCELLANEOUS EXAMINATIONS

Miscellaneous examinations include all examinations not listed under other headings and are of a very varied nature. Miscellaneous examinations show an increase of 319 - 18 %.

EXAMINATION OF SMEARS FOR GONORRHOEA

There were 287 more examinations during the period covered by this report - 14 %.

MEDICO LEGAL EXAMINATIONS

This work has included various examinations pertaining to criminal and other cases in the Province throughout the year.

RESEARCH WORK

The members of the laboratory have continued to be associated with the Tuberculosis Research work being carried on under the Provincial Tuberculosis Committee, which, of course, is actually outside of ordinary routine work.

THE STAFF

All the members of the staff have carried out their work in a loyal and most satisfactory manner. At

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Miscellaneous examinations include all examinations not listed under other headings and are of a very varied nature. Miscellaneous examinations show an increase of 319 - 18 %.

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This work has included various examinations pertaining to criminal and other cases in the Province throughout the year.

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The members of the laboratory have continued to be associated with the Tuberculosis Research work being carried on under the Provincial Tuberculosis Committee, which, of course, is mostly outside of ordinary routine work.

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All the members of the staff have carried out their work in a loyal and most satisfactory manner. At

times the increase and nature of the work has not permitted an ordinary adhesion to stated hours, and it is worthy of mention that the staff has been anxious, at all times, to see the work through.

I have the honour to be

Sir

Your obedient servant,

Allan C Rankin

DIRECTOR

ATTENTION IS DRAWN
TO THE APPENDIX

times the increase and value of the work has not permitted an ordinary admission to vested hours, and it is worthy of mention that the staff has been anxious, at all times, to see the work through.

I have the honour to be

SIR

Your obedient servant,

DIRECTOR

ATTENTION IS DRAWN
TO THE APPENDIX

APPENDIX

ESTIMATED COMMERCIAL VALUE OF WORK IF MODERATE CHARGE WERE MADE

MATERIAL	No of Specimens	Price per Specimen	TOTAL
SPUTUM	572	$2.00	$ 1144.00
DIPHTHERIA	663	2.00	1326.00
TYPHOID FEVER	142	2.00	284.00
WATERS	1,387	15.00	20,805.00
MILKS	1,088	5,00	5,440.00
MOTHER'S MILK	34	2.00	68.00
MISCELLANEOUS EXAMINATIONS	2,035	5.00	10,175.00
SMEARS FOR THE PRESENCE OF THE GONOCOCCUS	2,270	2.00	4,540.00
BLOODS FOR THE WASSERMANN TEST	10,159	5.00	50,795.00
PATHOLOGICAL HISTOLOGICAL	4,495	5.00	22,475.00
MEDICO LEGAL EXAMINATIONS	6	5.00	30.00
ICTERUS INDEX DETERMINATION	1,304	1.00	1,304.00
VAN DEN BERGH "	1,304	3.00	3,912.00
BCG VACCINE ($3.00 -20c.c.)	1,505	3.00	225.00
TYPHOID VACCINE (25 c.c. quant)	4,410	5.00	880.00
AUTOGENOUS VACCINE (25 c.c qt.)	3,200	15.00	1,920.00
TOTAL (Vaccines not included)	25,459		$ 125,323.00

Total value 1925	$ 103,916.00
Total value 1926	125,323.00
Total increase in value	21,407.00
Total increase in percent	20.4 %

APPENDIX

ESTIMATED COMMERCIAL VALUE OF WORK IN MOUNMATIE CHARGE WERE MADE

MATERIAL	No of Specimens	Price per Specimen	TOTAL
SPUTUM	672	$2.00	$ 1144.00
DIPHTHERIA	663	2.00	1326.00
TYPHOID FEVER	142	2.00	284.00
WATERS	1,287	15.00	20,805.00
MILKS	1,088	5.00	5,440.00
MOSHER'S MILK	34	2.00	68.00
MISCELLANEOUS EXAMINATIONS	2,038	5.00	10,175.00
SMEARS FOR THE PRESENCE OF THE GONOCOCCUS	2,270	2.00	4,540.00
BLOODS FOR THE WASSERMANN TEST	10,159	5.00	50,795.00
PATHOLOGICAL HISTOLOGICAL	4,495	5.00	22,475.00
MEDICO LEGAL EXAMINATIONS	6	5.00	30.00
IDENTICAL INDEX DETERMINATION	1,304	1.00	1,304.00
VAN DEN BERGH "	1,304	5.00	3,912.00
HOG VACCINE ($3.00 -50c.c.)	1,505	3.00	225.00
TYPHOID VACCINE (25 c.c. quant)	4,410	5.00	880.00
AUTOGENOUS VACCINE (25 c.c qt.)	3,200	15.00	1,920.00
TOTAL (Vaccines not included)	25,459	$	128,823.00

Total value 1915 $ 105,918.00
Total value 1916 128,823.00

Total increase in value 23,407.00

Total increase in percent 20.4 %

A P P E N D I X IV

THE REPORT OF THE INDUSTRIAL LABORATORY

ANNUAL REPORT OF THE INDUSTRIAL LABORATORY

Regarding the work of the Industrial Laboratories carried on by the Provincial Analyst the following report is submitted:

Examinations and Analyses

Apples- examination re insecticide contamination.....1

Acid 3

Alcohol-special investigation of quality for Hospitals 4

Alkali-soda.-special investigation for butter purposes ...4

Asphalt and Bituminous Sand..... 3

Ash 2

Aspirin 1

Anti-freeze compounds 5

Baking Powder..... 1

Bittern- special investigation for Iodine and Bromine re northern salt 1

Bentonite..... 4

Babbit 2

Blood 2

Boracic Acid andBorax 6

Brine 1

Briquettes 5

Bullets- police investigation 8

Butter 27

Buttermilk 3

Calcium Bisulphite 2

Calculi 2

Castor Oil 1

ANNUAL REPORT OF THE INDUSTRIAL LABORATORY

Regarding the work of the Industrial Laboratories carried on by the Provincial Analyst the following report is submitted:

Examinations and Analyses

Applied examination re immediate commencement.....1

Asia 2

Almond-special investigation of quality for Hungarian 4

Alkali-soda--special investigation for butter purposes 4

Arsenic and Bituminous Sand.....5

Ash 7

Aspirin 8

Anti-fresco compounds 9

Baking Powder.....11

Bitters- special investigation for Iodine and Bromine re northern soil 12

Bentonite.....14

Bubbs 15

Blood 17

Borneol dald camphren 16

Brine 18

Briquettes 19

Bullets- police investigation 20

Butter 22

Butternut 23

Calcium Bisulphite 24

Cement 25

Castor Oil 26

Carbide Residue 3
Carbon Black 1
Celery- investigation re copper salts 3
Cheese 1
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Cherries for dyes not allowed by Food Act 1
Clay 33
Cloth 7
Coal 116
Coal ash- Fusing point 3
Coffee 2
Cold Cream 2
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Carbolic Acid 3
Carbon Black 3
Carcinogen- Investigation re copper salts 3
Cheese 1
Chemicals 3
Chemicals for dyes not allowed by Food Act 3
Clay 23
Cloth 7
Coal 114
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Lemon 1

Liquorice 1

Liniment 1

Formaldehyde 13
Foods- Miscellaneous 12
Fuel Oil 11
Gas 10
Gasoline 9
Germi- Chemical 8
Gypsum 7
Hay 6
Hog Feed- Data, Survey, Preservative, Type
Special detailed analyses 5
Special salt analyses 4
Examination of Pat 3
Ink Cream 2
Iron Compounds 1
..... 0
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Lemon 87
Liquorice 86
Liniments 85

Lime and Limestone.....12

Lysol 1

Materials of Construction-
Cement,Concrete,Gravel,etc..... 268

Magnesite 1

Marl..... 2

Manganese 2

Malt Syrup 1

Metals, Gold,Zinc 8

Meat 6

Medicine 21

Milk and Cream 110

Minerals, Ores,Sands,etc. 449

Miscellaneous 54

Nitrous Ether 2

Oil Cake 5

Oil- Examinations for 8

Oil- Cedar 2

Oil- Crude 6

Oil- Imbricating,etc. 29

Ochre 9

Oats..... 3

Paint 5

Paraformaldehyde 1

Pills 8

Pork Fat- Special investigation re Soft Pork..... 45

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Human Organs 49
Animal Organs 53
Utensils 5

Lime and Limestone.....
Lysol .....
Materials of Construction-
Cements, Concrete, Mortars, etc.....
Magnesite .....
Marl.....
Marquesse .....
Metals Group .....
Metals, Gold, Zinc .....
Mica .....
Medicines .....
Milk and Cream .....
Minerals, Ores, Rocks, etc. .....
Miscellaneous .....
Nitrous Ether .....
Oil Cake .....
Oil- Examinations for .....
Oil- Color .....
Oil- Crude .....
Oil- Lubricating, etc. .....
Ochre .....
Ores.....
Paints .....
Paraformaldehyde .....
Pills .....
Pork Tri- Special Investigation re Pork Pens.....
Poison Investigations-
Human Organs .....
Animal Organs .....
Organic .....

Food 32
Tablets and Pills 4
Candles 1
Medicine 2
Liquid 1
Formaldehyde 1
Grasshopper bait 1
Grain 1
Feces 1
Fox Skin 1
Beer 1
Cigarettes 1
Coffee and Tea 3
Sugar 2
Tobacco 2
Water 2
Seeds 2
Soil 2
Snuff 1
Rhubarb 1

Salt..... 3

Sewage and Effluent 23

Silage 2

Sludge- Activated 2

Soil 3

Sodium Sulphite 1

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Syrup 1

Sugar 2

Strychnine 7

Tankage,etc.....4

Timber 96

Type Metal 6

Urine 1

Viburnum 1

Vinegar 3

Water 470

Food 22
Tablets and Pills 6
Candles 1
Vaseline 8
Lemons 1
Tarpaulins 1
Grasshopper Bait 1
Grain 1
Tacos 1
Tax Skin 1
Beef 1
Glycerine 1
Coffee and Tea 1
Beef 1
Tobacco 1
Ruber 1
Veals 1
Beil 1
Beef 1
Pimbers 1
Bail 1
Beans, Canned Vegetables 10
Flour 1
Sugar- Refined 1
Salt 1
Sodium Sulphite 1
Bacon 1
Syrup 1
Sugar 1
Strychnine 1
Tobacco, Cut 1
Tinfoil 20
Tyre Metal 6
Twine 1
Vinegar 1
Vinegar 3
Water 450

Water- Special investigation 6

Yeast 6

Wood Alcohol 2

Wood- Special investigation 1

Total 3367

As Provincial Analyst I was required to give evidence in many court cases throughout the province and to give technical advice to various government departments and to the Alberta Liquor Control Board.

A great deal of time was spent in assisting prospectors and others interested in the natural resources of the province and to various industries.

Expert assistance was given to members of police forces on a large number of cases not requiring evidence or analyses.

Considerable research work was done, especially on methods of analyses in ratios- legal work and for several departments of the University. A large number of analyses and examinations were made for the departments of Dairying, Animal Husbandry, Geology, Botany and Industrial Research.

Respectfully submitted,

James A. Kelso

Provincial Analyst,
Director, Industrial Laboratories.

Cases- Special Investigation 8

Fines 6

Weed Control 8

Weeds- Special Investigation 3

Total 8487

As Provincial Analyst I was required to give evidence in many court cases throughout the province and to give technical advice to various departments and to the Alberta Liquor Control Board.

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Expert assistance was given to numerous police forces on a large number of cases not requiring evidence or analyses.

Considerable research work was done, personally on methods of analyses in medico- legal work and for several departments of the University. A large number of analyses and examinations were made for the departments of Botany, Animal Husbandry, Geology, Botany and Industrial Research.

Respectfully submitted,

Provincial Analyst.

Director, Industrial Laboratories.

PART II

THE FINANCIAL STATEMENT

PART II

THE TIMBUCTOO ROUTE

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STATEMENT No. 49

UNIVERSITY OF ALBERTA

BALANCE SHEET, AS AT DECEMBER 31, 1926

ASSETS

Capital Account:			
Land, Buildings and Plant		$3,531,541.97	
Furnishings and Equipment		636,362.02	
Live Stock		27,966.70	
Bond Discount and Expense		405,176.42	
Due from Income Account		22,434.14	
			$4,623,481.25
Income Account:			
Cash		$ 5,467.37	
Accounts Receivable	$44,947.34		
Less: Bad Debts Written Off	3,424.08		
		41,523.26	
Inventories		58,480.26	
Deferred Expenditures:			
Unexpired Insurance		9,394.90	
Advances to University Hospital		188,403.05	
Deficit on 1926 Operations	$19,087.06		
Income Surplus at January 1st, 1926	3,781.28		
Net Deficit		15,305.78	
			318,574.62
Trust Account:			
Securities		$ 505,501.45	
Loans Receivable		1,464.26	
Cash		41,449.64	
			548,415.35
			$5,490,471.22

LIABILITIES

Capital Account:			
Debenture Debt		$ 450,000.00	
Province of Alberta		4,115,467.13	
Accounts Payable		3,979.52	
Library Fees Unexpended		5,536.11	
Capital Surplus		48,498.49	
			$4,623,481.25
Income Account:			
Imperial Bank of Canada		$ 223,057.49	
Accounts Payable		24,730.69	
Loan Payable, with Accrued Interest, St. Joseph's College		46,261.34	
Deferred Revenue		2,090.96	
Due to Capital Account		22,434.14	
			318,574.62
Trust Account:			
Sundry Trusts			548,415.35
			$5,490,471.22

Edmonton, February 7th, 1927.

I have audited the books and accounts of the University of Alberta for the year ended December 31, 1926, and the above Balance Sheet and Revenue and Expenditure statement are in accordance therewith. Capital assets are shown at book values and accounts receivable are subject to realization.

I certify that, in my opinion, the above Balance Sheet is properly drawn up so as to exhibit the financial position of the University on December 31, 1926, and the annexed Revenue and Expenditure statement sets forth the result of operations for the fiscal year ended at that date.

JAMES C. THOMPSON, C.A.,
Provincial Auditor.

STATEMENT No. 49A

UNIVERSITY OF ALBERTA

STATEMENT OF REVENUE AND EXPENDITURE

FOR THE YEAR ENDED DECEMBER 31, 1926

REVENUE

Province of Alberta:		
Grant	$415,000.00	
Grant for Debenture Interest and Charges	222,169.74	
	*$637,169.74	
Rockefeller Foundation	25,000.00	
Fees	93,034.49	
Rentals	24,510.24	
Dining Room	9,761.00	
Printing Department	7,901.90	
Examinations	2,097.49	
Book Store	3,734.56	
		$803,209.42

EXPENDITURE

Salaries:			
Total Salaries and Wages	$559,353.11		
Less: Charges to Departments hereunder	242,692.93		
		$316,660.18	
Debenture Interest and Charges		222,169.74	
Agriculture		94,922.79	
Laboratories		52,325.08	
Maintenance and Repairs		38,293.85	
Light, Heat and Power		35,506.83	
Department of Extension		22,506.20	
Insurance		6,912.81	
Bank Interest		5,201.96	
Calendars, Press Bulletins, etc.		4,665.47	
Teachers' Courses		4,260.00	
Printing and Stationery		2,694.69	
Summer School		2,600.00	
Sundries		2,000.90	
Telegraph and Telephone		1,992.29	
Travelling Expenses		1,401.70	
Upkeep of Motor Cars		1,247.41	
Library		1,239.94	
Physical Education		818.40	
Postage		812.73	
Typewriter Inspection and Repairs		361.05	
Scholarships and Medals		160.00	
Outdoor Clinic		118.38	
Bad Debts Written Off		3,424.08	
			822,296.48
Deficit for the year 1926			$ 19,087.06

*Including statutory grants.

STATEMENT No. 49B

UNIVERSITY OF ALBERTA HOSPITAL

BALANCE SHEET AS AT DECEMBER 31, 1926

ASSETS

Accounts Receivable:		
Dominion of Canada (D.S.C.R.)		$ 14,840.59
Province of Alberta		14,005.00
City of Edmonton		10,421.52
University of Alberta:		
Rockefeller Fund	$ 25.90	
Outdoor Clinic	223.64	
		249.54
Civilian Patients	$176,679.89	
Less: Reserve for Bad Debts	139,575.82	
		37,104.07
		$ 76,620.72
Inventories		13,610.38
Unexpired Insurance		1,821.48
Cash		73.66
Hospital Buildings	$150,000.00	
Buildings Fixtures	5,563.11	
Robertson College	1,191.64	
		156,754.75
Equipment	$104,505.41	
Less: Lent by Dominion Government	62,378.20	
		42,127.21
Deficit:		
As at December 31, 1925	$ 29,778.05	
Add:		
Loss on Operations, 1926	20,663.65	
Additional Reserve for Bad Debts for years 1923, 1924, and 1925	15,963.82	
		66,405.52
		$357,413.72

LIABILITIES

Debenture Debt	$150,000.00
University of Alberta	188,403.05
Accounts Payable	34.00
Equipment Reserve (Donations)	18,976.67
	$357,413.72

Edmonton, February 3, 1927.

I have audited the books and records of the University of Alberta Hospital for the year ended December 31, 1926, and find that the above Balance Sheet and accompanying Revenue and Expenditure statement are in accordance therewith.

I certify that, in my opinion, the above Balance Sheet is drawn up so as to exhibit the financial position of the University Hospital on December 31, 1926, and the annexed Revenue and Expenditure statement sets forth the result of operations for the fiscal year ended at that date.

JAMES C. THOMPSON, C.A.,
Provincial Auditor.

STATEMENT No. 49c

UNIVERSITY OF ALBERTA HOSPITAL

REVENUE AND EXPENDITURE STATEMENT FOR THE YEAR ENDED DECEMBER 31, 1926

EXPENDITURE

Administration:		
Salaries	$12,415.98	
Office Administration and Expense	751.19	
Stationery and Printing	1,633.12	
Postage, Telegraph and Telephone	1,102.25	
Legal Expense	199.20	
Interest	3,000.00	
Insurance	955.92	
		$ 20,057.66
Care of Patients:		
Salaries	$47,878.35	
Medical Supplies	7,658.59	
Dispensary	2,105.28	
X-Ray	2,838.44	
Linen	3,006.14	
Medical Services	8,546.90	
Maintenance of Equipment	2,233.74	
Outdoor Patients Department	122.53	
		74,389.97
Kitchen and Dining Room:		
Salaries	$14,633.84	
Provisions	41,512.31	
		56,146.15
General House and Property:		
Salaries	$20,924.80	
Heating and Plumbing	4,501.30	
Light, Power and Water	3,563.38	
Janitors and Cleaning Supplies	2,709.45	
Laundry	1,652.83	
Grounds Maintenance	61.36	
Buildings Maintenance	1,067.07	
		34,480.19
Interest on Debentures		7,500.00
Reserve for Bad Debts:		
1923, Additional	$ 2,041.68	
1924, Additional	7,764.09	
1925, Additional	6,158.05	
1926	44,019.84	
		59,983.66
		$252,557.63

REVENUE

Dominion Government: S.C.R.	$38,989.00	
Civilian Patients	96,890.62	
		$135,879.62
X-Ray Department	$15,382.50	
Massage and Therapy	2,310.25	
Operating Room	3,555.39	
Anaesthesia	4,513.50	
Insulin	615.23	
Pathological	5,327.81	
		31,704.68
Province of Alberta:		
Grants	$32,238.88	
Interest on Debentures	7,500.00	
		39,738.88
Grant—City of Edmonton	$ 8,606.98	
		8,606.98
Deficit for year ended December 31, 1926, consisting of:		
Loss on Operations for 1926	$20,663.65	
Additional Reserve for Bad Debts for years 1923, 1924, and 1925:		
For the year 1923	2,041.68	
For the year 1924	7,764.09	
For the year 1925	6,158.05	
		36,627.47
		$252,557.63

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UNIVERSITY OF ALBERTA.

CAPITAL ASSETS.

LAND, BUILDINGS AND PLANT

University Site	$150,000.00
Experimental Farm Site	69,117.49
Medical Building	1,067,775.36
Residential Halls	684,094.63
Arts Building	667,695.69
Power Plant and South Lab.	271,283.99
Mining Engineering Building	141,049.19
Faculty Houses	79,256.71
Dining Hall	78,307.68
Grounds Improvement	75,301.64
Barn	72,250.51
Heating Plant	56,447.17
Steam Lines	45,561.76
Farm Buildings	26,256.30
Sewers and Water Mains	21,587.25
Gas Plant	12,307.51
Electric Light and Telephones	3,953.74
New Garage and Carpenter Shop	9,296.15
	$3,531,541.97

UNIVERSITY OF ATLANTIS.

CAPITAL ACCOUNTS.

LAND, BUILDINGS AND PLANT

University Site	$750,000.00
Experimental Farm Site	80,127.49
Medical Building	1,087,775.36
Residential Halls	886,094.68
Arts Building	867,895.89
Power Plant and Sewage Disp.	487,382.49
Mining Engineering Building	741,049.19
Faculty Houses	79,286.71
Dining Hall	78,307.68
Grounds Improvement	76,301.84
Barn	73,880.81
Meeting Plant	69,447.17
Steam Lines	46,981.76
Farm Buildings	34,885.80
Sewers and Water Mains	21,857.85
Gas Plant	12,807.61
Electric Light and Telephones	3,958.74
New Storage and Carpenter Shop	3,886.18
	$5,831,841.97

UNIVERSITY OF ALBERTA.

CAPITAL ASSETS.

FURNISHINGS AND EQUIPMENT:

Laboratories	231,551.61
General	141,036.75
Medical Equipment	87,051.23
Library	60,869.36
Library Travelling	20,570.96
Agricultural	42,031.41
Printing Machinery	22,537.39
Museum	6,200.00
Machine Shop	6,050.21
Household Economics	5,747.97
Architectural	4,310.20
Physical Education	4,028.32
Auto and Motor Truck	2,406.85
Carpenters	2,059.70
	$636,362.02

UNIVERSITY OF ALBERTA.

CAPITAL ASSETS.

BUILDINGS AND EQUIPMENT:

Laboratories	$ 534,031.61
General	741,036.75
Medical Equipment	87,021.29
Library	60,859.84
Library Travelling	20,470.34
Agricultural	42,021.41
Printing Machinery	22,407.09
Nurses	6,200.00
Reading Shop	6,080.21
Household Economics	5,747.37
Architectural	4,330.80
Physical Education	4,086.38
Auto and Motor Truck	2,406.85
Carpenters	1,083.70
	$ 1,036,282.06

UNIVERSITY OF ALBERTA

CAPITAL ASSETS

DEFERRED EXPENDITURE

Bond Discount and Expense

Jan. 1/26 Balance		$393,233.84
Sundry charges and adjustments to bring total Dec. 31, 1926 to amount based on amortization tables. (See also "C 6")	11,942.58	
		$405,176.42

UNIVERSITY OF ALBERTA

CAPITAL ASSETS

CAPITAL EXPENDITURE

and Discount and Expense

an. 1/26 Balance $393,283.84

undry charges and adjustments
to bring total Dec. 31, 1956
to amount based on amort-
ization tables.
(See also "G 6")

11,942.58

$405,176.42

UNIVERSITY OF ALBERTA

DUE BY INCOME ACCOUNT TO CAPITAL ACCOUNT

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CAPITAL RECEIPTS 1926

Province of Alberta		$15,456.35
Library Fees,		4,926.00
Alberta Pharmaceutical Association,		7,000.00
Livestock Sales and Prize Money,		12,229.95
		39,612.30
Add due to Income 1925		11,806.36
		$51,418.66

CAPITAL EXPENDITURE 1926

Power Plant & South Laboratories,	863.65		
Steam Lines,	3,430.08		
New Garage and Carpenter Shop,	9,296.15		
		13,589.88	
Laboratories	3,245.76		
Residences,	3,055.40		
Library,	4,903.45		
Agriculture,	2,070.78		
Printing,	845.65		
		14,121.04	
Livestock		2,430.41	30,141.33
			21,277.33
Add Increase in Accounts Payable			1,122.72
Add Adjustments on Accounts Payable			34.09
			$22,434.14

UNIVERSITY OF ALBERTA

DUE BY INCOME ACCOUNT TO CAPITAL ACCOUNT

CAPITAL RECEIPTS 1926

Province of Alberta		$15,456.35
Library Fees,		4,926.00
Alberta Pharmaceutical Association,		7,000.00
Livestock Sales and Prize Money,		12,229.95
		39,612.30
Add due to Income 1925		11,806.36
		$51,418.66

CAPITAL EXPENDITURE 1926

Power Plant & South		
Laboratories,	863.65	
Steam Lines,	3,430.08	
New Garage and		
Carpenter Shop,	9,296.15	
		13,589.88
Laboratories	3,245.76	
Residences,	3,055.40	
Library,	4,903.45	
Agriculture,	2,070.78	
Printing,	845.65	
	14,121.04	
Livestock	2,430.41	30,141.33
		21,227.53
Add Increase in Accounts Payable		1,122.72
Add Adjustments on Accounts Payable		34.09
		$22,434.14

UNIVERSITY OF ALBERTA

CAPITAL LIABILITIES.

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DEBENTURE DEBT

Authority for issue.	Date of issue.	Date of Maturity.	Nominal rate of interest.	Amount of issue.
O/C 1177/1921	July 1, 1921	July 1, 1936	6½%	$450,000.00

As at December 31, 1926, the Province of Alberta includes in the Bonded Debt of the Province, refunding issues which retired matured loans of the University guaranteed by the Province as follows:

$2,400,000.00 retired in 1924

750,000.00 " " 1925

400,000.00 " " 1925.

Interest paid by the Province of Alberta upon these refunding issues together with amortization of discount and charges is charged to the University as "Grant for Debenture Interest and charges" in the same manner as interest paid by the Province on guaranteed issues.

Detail of charge for 1926 is as follows:

Interest on $2,400,000.00 at yield rate of 5.46% plus provision for amortization of New York Exchange over life of bonds	$135,361.24
Interest on $750,000.00 issue at yield rate of 4.93%	36,975.00
Interest on $400,000.00 issue at yield rate of 4.97%	19,880.00
Interest on direct University issue $450,000.00 at 6½%	29,250.00
Bank charges:	
¼ of 1% of $201,000.00	502.50
1/10 of 1% of $201,000.00	201.00
	$ 222,169.74

Interest is charged at yield rate in order to automatically amortize bond discount over the term of the bonds.

UNIVERSITY OF ALBERTA

CAPITAL LIABILITIES.

DEBENTURE DEBT

Authority for issue.	Date of issue.	Date of Maturity.	Nominal rate of interest.	Amount of issue.
1 1/4% 1921/1951	July 1, 1921	July 1, 1956	6%	$450,000.00

at December 31, 1936, the Province of Alberta included in the
ded Debt of the Province, refunding issues which retired matured
ue of the University guaranteed by the Province as follows:

$3,400,000.00 retired in 1924

750,000.00 " " 1928

400,000.00 " " 1929.

erest paid by the Province of Alberta upon these refunding issues
ether with amortization of discount and charges is charged to the
versity as "Grant for Debenture Interest and charges" in the
e manner as interest paid by the Province on guaranteed issues.

ail of charge for 1936 is as follows:

erest on $3,400,000.00 at yield rate of 5.46%
ue provision for amortization of New York
change over life of bonds $138,361.24

erest on $750,000.00 issue at yield rate
4.93% 36,975.00

erest on $400,000.00 issue at yield rate
4.97% 19,880.00

erest on direct University issue $450,000.00
6% 29,250.00

x charges:
% of 1% of $201,000.00 502.50
1/10 of 1% of $201,000.00 201.00

$ 225,169.74

erest is charged at yield rate in order to antomatically
rtize bond discount over the term of the bonds.

UNIVERSITY OF ALBERTA

CAPITAL LIABILITIES

LIABILITY TO PROVINCE OF ALBERTA
December 31, 1926.

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" PROVINCE OF ALBERTA:

Debenture Debt assumed	$3,550,000.00
Amount of bond discount and exchange after making provision through revenue account for amortization charge and Bank charges.	216,344.14
Capital Advances:	
Re University site and buildings	302,136.07
Advances 1917	2,500.00
1925	29,030.57
1926	15,456.35
	$4,115,467.13

ule
" CAPITAL SURPLUS:

Surplus as at December 31, 1925	$36,560.95
Adjustment on Capital c/cs. Payable	9.87
" " " " "	24.22
Library Funds Expended	4,903.45
Alberta Pharmaceutical Association Donation	7,000.00
	$ 48,498.49

UNIVERSITY OF ALBERTA

CAPITAL LIABILITIES

LIABILITY TO PROVINCE OF ALBERTA
December 31, 1926.

PROVINCE OF ALBERTA:

Debenture Debt assumed	$3,880,000.00
Amount of bond discount and exchange after making provision through revenue account for amortization charge and Bank charges.	216,344.14
Capital Advances:	
Re University site and buildings	302,136.07
Advances 1917	2,500.00
1925	29,030.87
1926	15,456.35
	$4,115,467.13

CAPITAL SURPLUS:

Surplus as at December 31, 1925	$36,560.95
Adjustment on Capital c/es. Payable	9.87
" " " " "	24.33
Library Funds Expended	4,903.45
Alberta Pharmaceutical Association Donation	7,000.00
	$ 48,498.49

UNIVERSITY OF ALBERTA

CURRENT ASSETS

Schedule "I 1." CASH ON HAND.

Cheques	429.09	
Bank Deposits made up	3,467.37	
Currency	1,570.91	
		$5,467.37

Schedule "I 2." ACCOUNTS RECEIVABLE.

General	33,244.39	
Fees	592.50	
Board and Room.	7,686.37	
		$41,523.26

Schedule "I 3." INVENTORIES.

Works Department	10,853.17	
Book Store	15,567.06	
Extension Dept.	25,831.44	
Printing Department	4,454.99	
Dining Room	884.91	
Pharmacy	607.19	
Dental Clinic	281.50	
		$58,480.26

UNIVERSITY OF ALBERTA

CURRENT ASSETS

Schedule
1 1.* CASH ON HAND.

Cheques 429.09

Bank Deposits made up.3,467.37

Currency 1,870.91

5,767.37

Schedule
2 2.* ACCOUNTS RECEIVABLE.

General

Fees 302.85

Board and Room. 7,886.37

8,189.22

Schedule
3 3.* INVENTORIES.

Works Department 10,853.17

Book Store 15,167.08

Extension Dept. 28,831.44

Printing Department 4,454.99

Dining Room 884.91

Pharmacy 807.19

Dental Clinic 381.89

61,389.29

UNIVERSITY OF ALBERTA

GENERAL ACCOUNT

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Bank Reconciliation December 31, 1926.

Cash Book Balances November 30, 1926	$148,420.26	
Deposits in December	45,034.47	
	$103,385.79	
Cheques issued in December	116,204.33	
Overdraft		$219,590.12
Balance in Imperial Bank Pass Book	189,939.73	
Deduct Bank error (See Bank's letter Jan. 1/1927)	.80	
	189,938.93	
Add Bank error (Trust deposit wrongly credited to General a/c)	338.32	
	190,277.25	
Add overdeposited (adjusted in January 1927)	10.00	
	190,287.25	
Deduct December receipts deposited January 1927	3,467.37	
	186,819.88	
Add Outstanding cheques, list attached	32,972.39	
	219,792.27	
Deduct Bank "charges" not taken up in U. of A. books (see contra in January 1927)	202.15	
		$219,590.12

N.S.F. cheque J. Haan, redeposited Jan. 6/1927	25.00
N.S.F. cheque Patrick redeposited Jan. 10/1927	177.15

UNIVERSITY OF ALBERTA

GENERAL ACCOUNT

Bank Reconciliation December 31, 1926.

Cash Book Balances November 30, 1926		$148,420.26
Deposits in December		4,034.47
		$152,454.73
Cheques issued in December		116,204.33
Overdraft		$36,250.40
Balance in Imperial Bank Pass Book		189,939.78
Deduct Bank error (See Bank's letter Jan. 1/1927)	80	
		189,938.98
Add Bank error (Trust deposit wrongly credited to General a/c)	338.32	
		190,277.30
Add overdeposited (adjusted in January 1927)	10.00	
		190,287.30
Deduct December receipts deposited January 1927	3,467.37	
		186,819.93
Add Outstanding cheques, list attached	32,972.39	
		219,792.32
Deduct Bank "charges" not taken up in U. of A. books (see contra in January 1927)	202.10	
		$36,250.40

N.S.F. cheque J. Hann, redeposited
Jan. 6/1927 $6.00

N.S.F. cheque Patrick redeposited
Jan. 10/1927 177.10

UNIVERSITY OF ALBERTA

TRUST ASSETS

Schedule "T 1." SECURITIES.

Province of Alberta Debenture due Feb. 15, 1974	$500,000.00	
Province of Alberta Debentures due April 1, 1936	1,932.80	
Province of Alberta Debentures due June 1, 1939	897.00	
Province of Alberta Debentures due May 1, 1930	100.00	
Province of Alberta Savings Certificates	1,000.00	
Dominion of Canada War Loan due Nov. 1, 1934	1,186.65	
Province of Alberta due June 15, 1946	385.00	
		$505,501.45

Schedule "T 2." SUNDRY TRUSTS.

Rockefeller Foundation	$500,000.00	
General Trust Accounts	37,790.26	
Alberta Pharmaceutical Assoc.	1,595.53	
Sir James Aikens Scholarship	2,120.11	
Women's University Club Scholarship	1,805.61	
Students' Loan Fund	2,130.52	
Law Library Fund	631.69	
Alberta Optometry Association	567.42	
Moshier Memorial	403.66	
Students' Union	905.00	
Women's University Club Loan Fund	336.07	
I.O.D.E. (19th A.D. Chapter)	66.19	
Women's University Club Colonial History	51.14	
Dr. Blais' prize	12.15	
		$548,415.35

UNIVERSITY OF ALBERTA

TRUST ASSETS

Schedule "I."

RESOURCITIES.

Province of Alberta Debentures	
due Feb. 15, 1974	$500,000.00
Province of Alberta Debentures	
due April 1, 1956	1,982.80
Province of Alberta Debentures	
due June 1, 1959	897.00
Province of Alberta Debentures	
due May 1, 1950	100.00
Province of Alberta Savings	
Certificates	1,000.00
Dominion of Canada War Loan due	
Nov. 1, 1934	1,186.68
Province of Alberta	
due June 15, 1966	336.00

Schedule "I a."

SUNDRY TRUSTS.

Moderation Foundation	$500,000.00
General Trust Advances	47,790.26
Alberta Pharmaceutical Assoc.	1,886.85
Sir James Alison Scholarship	2,120.11
Women's University Club Scholar-	
ship	1,806.61
Students' Loan Fund	2,120.85
Law Library Fund	621.69
Alberta Optometry Association	867.46
Kephlet Memorial	408.66
Students' Union	908.00
Women's University Club Loan Fund	336.07
I.O.D.E. (1918 A.D. Chapter)	66.19
Women's University Club Colonial	
History	81.14
Dr. Hiatt prize	12.18

$504,614.37

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SUMMARY

December 31, 1926.

SCHEDULE OF FEES.

Registration Fees	$2,284.00
Arts	29,942.69
Household Economics	2,070.00
Medicine	25,262.50
Applied Science	11,870.00
Agriculture	2,840.00
Pharmacy	3,605.00
Law	3,385.00
Dentistry	6,320.00
Languages	2,626.30
Nursing	880.00
Correspondence Courses	1,934.00
B. D. Fees	15.00
	93,054.49

SUMMARY

December 31, 1926.

SCHEDULE OF FEES.

Registration Fees	$2,264.00
Arts	29,942.69
Household Economics	2,070.00
Medicine	26,282.80
Applied Science	11,870.00
Agriculture	2,840.00
Pharmacy	2,602.00
Law	2,382.00
Dentistry	6,280.00
Long Course	2,626.50
Nursing	880.00
Correspondence Courses	1,094.00
B. D. Fees	16.00
	93,054.49

SUMMARY

December 31, 1926.

Vote 42, Schedule of Fees		Expenditure	Revenue
SPECIAL FEES:			
Transcript	186.00		
Vise	288.00		
Supplementals	1,158.75		
Degree Fees	2,266.50		
Law	185.00		
Medicine	40.00		
Dentistry	185.00		
R.N.	1,170.00		
C.A.	595.00		
Optometry	150.00		
Presiding	77.74		
Appeal	30.00		
Re-reading papers	35.00		
Refresher Course	105.00		
Pharmacy	25.00		
Alberta Land Surveyors	10.00		6,506.99
C.A.	442.00		
Specials	147.20		
Presiding	247.50		
Law	507.50		
Medical	203.10		
Optometry	178.05		
R.N.	487.35		
Dentistry	158.00		
Pharmacy	9.00		
Printing, Stationery, Diplomas, etc.	2,029.80	4,409.50	
Balance			$2,097.49

SUMMARY

December 31, 1926.

Vote 42. Schedule of Fees	Expenditure	Revenue
Dramatic	186.00	
Do	286.00	
Supplementary	1,186.75	
Type Fees	2,886.80	
	186.00	
Violins	40.00	
Statistics	186.00	
	1,170.00	
	886.00	
Chemistry	180.00	
Reading	77.74	
Vocal	20.00	
Teaching Papers	28.00	
Teacher Course	106.00	
Summary	26.00	
Earth Land Surveyors	10.00	6,806.89
	442.00	
Botanic	147.80	
Reading	847.80	
	807.80	
Vocal	808.10	
Chemistry	178.06	
	487.35	
Statistics	186.00	
Summary	9.00	
Printing. Stationery.		4,409.80
Typewriting, etc.	2,089.80	
Balance		32,097.49

SCHEDULE OF SALARIES.

esident,	Dr. H.M.Tory		8,000.00	
esident's Secy.	Miss B.Ockley, B.A.		1,800.00	9,800.00
gistrar's Office				
gistrar	C.E.Race, M.A. C.A.		4,500.00	
st. Registrar,	S.C.Stephens, B.Com.	(9½ mos.)	1,092.50	
st. Registrar,	Miss L.A.Cormack	(2 mos.)	226.66	
erk of Records	Miss E.M.Hayward	(9 mos.)	1,035.00	
erk of Records	Miss A. Owens,	(4 mos.)	320.00	
enographer,	Miss M. Graham, B.A.		1,020.00	
enographer,	Miss L.M.Heathcote, B.A.		1,020.00	
aminations Clerk	Miss M. Fulmer,		1,380.00	
tra Assistance,			169.03	
	Freshman Committee		317.22	11,080.41
rsar's Office.				
rsar	A. West,		4,250.00	
countant,	G.G.Harris, C.A.		2,400.00	
okkeeper,	H.C. Dawson,		1,500.00	
hier,	Frank Brennand		560.00	
hier,	A.G. Hosford	(8 mos.)	600.00	
erk,	J. Cubbon		900.00	
fice Boy,	Harry Walker	(7½ mos.)	188.00	
fice Boy,	W. Wright	(4 mos.)	100.00	
enographers,	Miss J.G.Nairn		1,080.00	
	Miss M.E.Nairn		960.00	
	Miss K. Truswell,		915.00	
tra Assistance			248.83	
itchboard Oper.	Miss M. Cudby		900.00	14,602.53
s Refund,				2,100.00
				12,502.53
brary				
brarian,	D.E.Cameron, M.A.		3,250.00	
istant,	Miss D. Richards, B.A.		1,380.00	
istant	Miss G. Jackson,B.A.	(6 mos.)	849.96	
enographer,	Miss Y. Richard,		1,635.00	
tra Agsistance,	Miss J. Millar, B.A.	(3½ mos.)	350.00	
	W. L. Valens,	(4 mos.)	80.00	
	K. C. McKenzie	(3 mos.)	105.00	
	H.H.L. Dickson	(3 mos.)	105.00	
	Miss O. Haw	(4 mos.)	60.00	
	Miss W. Coone,	(4 mos.)	150.00	
	R. R. McLean	(4 mos.)	120.00	7,484.96
ulty of Arts & Science.				
n.	W.A.R.Kerr, M.A. Ph.D.		500.00	
retary,	Miss. H. Beny, B.A.		1,140.00	1,640.00

SCHEDULE OF SALARIES.

ident,	Dr. H.M.Terry			8,000.00
ident's Secy.	Miss B.Oakley, B.A.			1,800.00	9,800.00
rar's Office				
rar	C.E.Race, M.A. C.A.			4,500.00
Registrar,	S.C.Stephens, B.Com.		(9½ mos.)	1,092.50
Registrar,	Miss I.A.Cormack		(2 mos.)	226.66
of Records	Miss E.M.Hayward		(9 mos.)	1,035.00
of Records	Miss A. Owens,		(4 mos.)	320.00
rsher,	Miss M. Graham, B.A.			1,020.00
rsher,	Miss I.M.Heathcote, B.A.			1,020.00
ations Clerk	Miss M. Palmer,			1,380.00
Assistance,				169.03
	Freshman Committee			317.22	11,080.41
r's Office.				
	A. West,			4,250.00
stant,	G.G.Harris, C.A.			2,400.00
eper,	H.C. Dawson,			1,500.00
r,	Frank Brennand			560.00
r,	A.G. Hosford		(8 mos.)	600.00
	T. Gubbon			900.00
Boy,	Harry Walker		(7½ mos.)	188.00
Boy,	W. Wright		(4 mos.)	100.00
rsphere,	Miss J.G.Nairn			1,080.00
	Miss M.E.Nairn			960.00
	Miss K. Truswell,			915.00
				248.83
Assistance				
board Oper.	Miss M. Gudby			900.00	14,602.83
eturn,				2,100.00
				18,502.83
y				
ian,	D.E.Cameron, M.A.			3,250.00
ant,	Miss D. Richards, B.A.			1,380.00
ant	Miss G. Jackson, B.A.		(6 mos.)	849.96
rsher,	Miss Y. Richard,			1,035.00
Assistance,	Miss J. Millar, B.A.		(3½ mos.)	350.00
	W. L. Vallens,		(4 mos.)	80.00
	K. C. McKenzie		(3 mos.)	105.00
	H.H.L. Dickson		(3 mos.)	105.00
	Miss O. Haw		(4 mos.)	60.00
	Miss W. Coone,		(4 mos.)	150.00
	R. R. McLean		(4 mos.)	120.00	7,484.96
y of Arts & Science.				
	W.A.R.Kerr, M.A. Ph.D.			500.00
ary,	Miss. H. Berry, B.A.			1,140.00	1,640.00

Faculty of Medicine.			
Dean	A.C.Rankin, M.D. D.P.H.	500.00	500.00
Faculty of Applied Science.			
Dean	R. W. Boyle, M.A. Ph.D.	500.00	500.00
Faculty of Agriculture			
Dean	E.A.Howes, B.S.A.	500.00	
	Miss B.D. Lewis	1,080.00	1,580.00
Provost's Department.			
Provost,	J.M. McEachran,M.A. Ph.D.	500.00	
Advisor to Women,	Miss F.E. Dodd, B.Sc.	2,400.00	2,900.00
Classics.			
Professor,	W.H.Alexander, M.A. Ph.D.	4,500.00	
Associate Professor,	Geneva Misner, M.A. Ph.D.	3.500.00	
	W.G.Hardy, M.A. Ph.D.	3,000.00	
	Miss M. Gold, M.A.	1,600.00	12,600.00
English.			
Professor,	E.K.Broadus, M.A. Ph.D.	4,500.00	
	R.K.Gordon, M.A. Ph.D.	4,000.00	
Associate Professor,	J.T.Jones (8 mos.)	1,600.00	
	Geo. Riddehaugh, M.A.	1,666.00	
Lecturer,	A.R.Jewitt, B.A. (4 mos.)	600.00	
	Miss M. Sherlock,B.A. "	300.00	
	Miss O. Haw, B.A. (5 mos.)	375.00	13,041.00
Moderns (French and German).			
Dean,	W.A.R.Kerr, M.A. Ph.D.	4,500.00	
Professor,	J.F.Coar, M.A. Ph.D.	4,000.00	
Associate Professor,	E. Sonet, B. es L.	3,500.00	
Assistant Professor,	A. P. Pelluet,	2,700.00	
Lecturer,	Francis Owens, B.A.	2,800.00	
	Henri de Savoye, B esL. LL.B.	2,400.00	19,900.00
Philosophy.			
Professor,	J.M. McEachran, M.A. Ph.D.	4,500.00	
Lecturer,	John MacDonald, M.A.	3,000.00	
	M.E. Lazerte, M.A.	2,500.00	10,000.00
Drawing.			
Professor,	James Adam, M.A.	3,000.00	3,000.00
Anatomy.			
Professor,	D.G.Revell, B.A. M.D.	4,500.00	
	R.F.Shaner, Ph.D.	3,300.00	
	E.Green, M.D. C.M.	2,050.00	
	J.C. Armour,M.D. C.M. (8 mos.)	1,000.00	
Technician,	A.G.Fairall,	1,500.00	
Laboratory Assistant,	T. C. Omand,	720.00	
	E. Caswell, (3 mos.)	300.00	
	E.J.Verreau, (3 mos.)	300.00	
	H.H.Hepburn,M.D.C.M.	200.00	13,870.00

Physiology			
Professor	A.W. Downs, M.A. M.D.	$4,500.00	
Assistant Professor	N.B. Eddy, M.D.	3,000.00	
Lecturer	J.P. Quigley, B.Sc.	2,200.00	
Laboratory Assistant	Alfred Farmer	1,020.00	
	C.F. Deadman (3 mos.)	102.25	
	Chas. Croft (3 mos.)	500.00	11,402.25
Biochemistry			
Professor	J.B. Collip M.A. Ph.D.	4,500.00	
Assistant Professor	J.W. Scott, M.D.	2,500.00	
Technician	A.A. Long	1,500.00	8,500.00
Clinical Medicine			
Professor	E.L. Pope M.D. C.M. M.R. C.S. L.P. C.P.	5,000.00	
Associate Professor	H.C. Jamieson, M.B.	2,500.00	
	Walter Scott M.D. C.M.	1,375.00	
Demonstrator	I.R. Bell B.A. M.B.	1,250.00	
	A.F. Anderson M.D. C.M.	200.00	
	J.E. Carmichael M.D. C.M. B Sc.	200.00	
	C.W. Hurlburt M.B.	500.00	
	D.B. Leitch B.A. M.B.	500.00	
	F.S. McPherson M.D.	200.00	
	W.C. Laidlaw M.B.	100.00	
	Harold Orr M.B. D.P.H.	250.00	12,075.00
Clinical Surgery			
Professor	F.H. Mewburn M.C.C.M. LL.D.	5,000.00	
	G. Gray M.B.	500.00	
	H.H. Hepburn M.D.C.M.	500.00	
	A.R. Munro M.D. C.M.	500.00	
	A.W. Wilson M.D. C.M.	500.00	
	L.C. Harris M.D. C.M.	400.00	
	I.W.T. McEachern M.D. C.M.	200.00	
	J.A. McPherson M.B.	200.00	
	J.L. Petitclerc M.D.	200.00	
	N.L. Terwilliger, M.D.	200.00	
	A. Blais B.S.	500.00	
	Emerson Smith M.D. C.M.	250.00	8,950.00
Surgical Anatomy			
Professor	E. Green M.D. C.M.	1,375.00	1,375.00
Gynaecology and Obstetrics			
Demonstrator	L.C. Conn M.D.C.M.	3,000.00	
	C.U. Holmes M.B.	250.00	
	J.O. Baker M.D. C.M.	250.00	3,500.00
Ophthalmology	Drs. Wells & Jamieson	500.00	500.00
Anaesthetist	L. Faunt Jones B.A.	300.00	300.00

Physiology			
Professor	A.W. Downs, M.A. M.D.	$4,500.00	
Assistant Professor	R.B. Reddy, M.D.	3,000.00	
Lecturer	J.P. Quigley, B.Sc.	2,200.00	
Laboratory Assistant	Alfred Farmer	1,020.00	
	C.P. Deadman (3 mos.)	102.25	
	Chas. Croft (3 mos.)	500.00	11,402.25
Biochemistry			
Professor	J.B. Collip M.A. Ph.D.	4,500.00	
Assistant Professor	J.V. Scott, M.D.	2,800.00	
Technician	A.A. Long	1,500.00	8,800.00
Clinical Medicine			
Professor	E.L. Pope M.D. C.M. M.R.		
	C.S. L.P. C.P.	6,000.00	
Associate Professor	H.C. Jamieson, M.B.	2,800.00	
	Walter Scott M.D. C.M.	1,375.00	
Demonstrator	I.R. Bell B.A. M.B.	1,250.00	
	A.F. Anderson M.D. C.M.	200.00	
	J.E. Carmichael M.D. C.M. M Sc.	200.00	
	C.W. Huxlburt M.B.	300.00	
	D.B. Leitch B.A. M.B.	800.00	
	F.S. McPherson M.D.	800.00	
	W.C. Laidlaw M.B.	100.00	
	Harold Orr M.B. D.P.H.	250.00	12,075.00
Clinical Surgery			
Professor	F.H. Newburn M.C.C.M. LL.D.	5,000.00	
	G. Gray M.B.	800.00	
	H.H. Hopburn M.C.C.M.	800.00	
	A.R. Munro M.D. C.M.	800.00	
	A.W. Wilson M.D. C.M.	800.00	
	L.C. Harris M.D. C.M.	400.00	
	I.W.T. McRoberts M.D. C.M.	200.00	
	J.A. McPherson M.B.	200.00	
	J.L. Petitclerc M.D.	200.00	
	M.L. Tetrault, M.D.	200.00	
	A. Blais B.S.	800.00	
	Emerson Smith M.D. C.M.	250.00	8,950.00
Surgical Anatomy			
Professor	E. Green M.D. C.M.	1,875.00	1,875.00
Pathology and Obstetrics			
Professor	L.C. Conn M.D.C.M.	3,000.00	
	C.U. Holmes M.B.	250.00	
	J.C. Baker M.D. C.M.	250.00	8,800.00
Ophthalmology	Drs. Wylie & Jamieson	800.00	800.00
Anaesthetist	L. Hunt Jones B.A.	300.00	300.00

Dentistry	H.E.Bulyea, D.M.D.	2,100.00	
	H.G.Gilchrist, D.D.S.	2,550.00	
	W.Scott Hamilton	1,450.00	
	W.P.Craig, M.A., D.D.S.	300.00	
Instructors	F.S.Mercer, L.D.S.,D.D.S.	225.00	
	R.M.Bradley, D.D.S.	150.00	
	Jas.McPherson, L.D.S.D.D.S	450.00	
	G.J.Hope, L.D.S.,D.D.S.	300.00	
	J.G.Roberts, L.D.S.,D.D.S.	150.00	
Stenographers	Miss N.Maher	167.50	
	Miss Lillian Rodberg	112.00	
			7,974.50
Mathematics			
Professor	E. W. Sheldon, M.A.,Ph.D.	4,500.00	
Assistant Professor	J.W.Campbell, M.A.Ph.D.	3,500.00	
Instructors	A.J.Cook, B.Sc., M.A.	2,100.00	
	G.B.Taylor, M.Sc.(3 mos)	150.00	
	Alan Galbraith (7mos)	400.00	10,650.00
History			
Professor	A.L.Burt, M.A.	4,000.00	
Associate Professor	M.H.Long, B.A.	2,900.00	
	C.S.Burgess, A.R.I.B.A.	2,000.00	8,900.00
Economics			
Professor	D.A.MacGibbon, M.A.Ph.D.	4,250.00	
Associate Professor	A.F.McGoun, M.A.B.C.L.	2,700.00	
	J.Friend Day, M.A.(4 mos)	800.00	
	W.M.Drummond, M.A.(8 mos)	1,600.00	9,350.00
Chemistry			
Professor	A.L.Lehmann, B.S.A.,Ph.D.	4,500.00	
Associate Professor	O.J.Walker, M.A., Ph.D.	3,000.00	
	R.B.Sandin, M.Sc., Ph.D.	2,600.00	
	S. .Boomer, B.Sc., Ph.D.	2,400.00	
Demonstrators	James Thompson	1,000.00	
	Walter Kutz	1,200.00	
	Russell Kutz	266.65	
	John W. Sutherland	200.00	
	Murray G. Sturrock	200.00	
	Fred P. Irwin	350.00	
	Wm.R.Mueller	200.00	
	Roland V. Clark	350.00	
	Albert T. Baker	150.00	
	Ewart Beresford	150.00	
	Walter Jewitt	99.99	
	A.H.Maclennan	99.99	
	G.W.Klingaman	16.66	
Glassblower	Fred Gleave (4 mos)	72.80	
	George Russell (8 mos.)	145.60	
Storekeeper	L.C.Watlings	1,320.00	18,401.69

Botany			
Professor	P.J.Lewis F.R.S.C.	4,500.00	
Lecturer	E.H.Moss M.A.	2,366.60	
	Miss S.Dowding M.Sc.	1,600.00	
Demonstrators	J.A.Campbell	1,080.00	
	W.B.Goldberg	42.00	
	E.K.Carlyle	42.00	9,630.60
Zoology			
Professor	Wm.Rowan M.Sc.	3,100.00	
Demonstrator	Miss W.Hughes M.A.	1,600.00	
Laboratory Ass't	J.E.Tharston	280.00	
	R.Norris	240.00	
	R.Mister	440.00	5,660.00
Geology			
Professor	J.A.Allan, M.Sc. Ph.D	4,500.00	
Associate Professor	P.S.Warren A.R.C.S.	2,900.00	
Laboratory Ass't	L.S.Russell	360.00	7,760.00
Mining Engineering			
Professor	N.C.Pitcher M.Sc.	4,500.00	
	A.E.Cameron M.Sc.	3,200.00	
	W.Holmes	1,440.00	9,140.00
Civil Engineering			
Professor	R.S.L.Wilson B.Sc.	4,250.00	
	H.R.Webb M.Sc.	2,000.00	
Laboratory Ass't	A.F.McPherson	70.00.	6,320.00
Mechanical Engineering			
Professor	C.A.Robb B.Sc. M.S.	4,250.00	4,250.00
Applied Mechanics			
Professor	I.F.Morrison B.Sc.	3,750.00	3,750.00
Physics			
Professor	R.W.Boyle M.A. Ph.D	4,500.00	
Associate Professor	S.Smith M.A. B.Sc.	3,300.00	
	E.J.Lang M.A. Ph.D.	2,800.00	
	L.H.Nichols M.A.	2,200.00	
	George Taylor M.Sc.	1,500.00	
	H.B.Clow	1,500.00	
Laboratory Ass't	D.K.Frohman	58.00	
	C.W.Stephens	64.00	
	C.H.Mealing	152.00	
	S.R.Woodford	198.00	
	R.S.Sheppard	45.00	
	D.Sproule	56.00	
Glassblower	Fred Cleave (4 mos.)	292.20	
	George Russell (8 mos.)	694.40	17,339.60
Electrical Engineering			
Associate Professor	H.J.McLeod M.Sc.	3,750.00	
Lecturer	S.C.Morgan B.Sc.	2,500.00	6,250.00

Botany			
Professor	J.J.Lewis	Ph.D.	4,500.00
Lecturer	A.H.Moss	M.A.	2,856.60
	Miss S.Dowling	M.Sc.	1,600.00
Demonstrators	J.A.Campbell		1,080.00
	W.S.Goldberg		42.00
	R.E.Carlyle		42.00	9,830.60
Zoology			
Professor	Wm.Rowan	M.Sc.	5,100.00
Demonstrator	Miss W.Hughes	M.A.	1,600.00
Laboratory Ass't	J.T.Thurston		280.00
	R.Norris		240.00
	H.Lister		440.00	8,660.00
Geology			
Professor	J.A.Allan,	M.Sc. Ph.D	4,500.00
Associate Professor	P.H.Warren	A.R.C.S.	2,900.00
Laboratory Ass't	L.S.Russell		360.00	7,760.00
Mining Engineering			
Professor	H.C.Pitcher	M.Sc.	4,500.00
	A.R.Cameron	M.Sc.	3,600.00
	W.Holmes		1,440.00	9,140.00
Civil Engineering			
Professor	E.L.Wilson	M.Sc.	4,250.00
	H.R.Webb	M.Sc.	2,000.00
Laboratory Ass't	A.P.McPherson		70.00	6,320.00
Mechanical Engineering			
Professor	C.A.Webb	M.Sc. M.S.	4,250.00	4,250.00
Applied Mechanics			
Professor	I.F.Morrison	M.Sc.	3,750.00	3,750.00
Physics			
Professor	H.W.Doyle	M.A. Ph.D	4,500.00
Associate Professor	S.Smith	M.A, B.Sc.	3,600.00
	J.Lang	M.A, Ph.D.	2,800.00
	L.M.Nicholls	M.A.	2,500.00
	George Taylor	M.Sc.	1,500.00
	H.E.Glow		1,300.00
Laboratory Ass't	D.K.Pronman		58.00
	C.W.Stephens		64.00
	C.M.Keating		132.00
	E.F.Woodford		196.00
	R.S.Sheppard		45.00
	D.Sproule		86.00
Glassblower	Fred Cleave	(4 mos.)	232.80
	George Russell	(8 mos.)	696.40	17,389.60
Electrical Engineering			
Associate Professor	H.J.McLeod	M.Sc.	3,750.00
Lecturer	S.O.Morgan	B.Sc.	2,500.00	6,250.00

Physical Education			
Lady Instructor		500.00	
Instructors and Trainers		1,405.00	1,905.00
Pharmacy and Materia Medica			
Associate Professor	F.A.Stewart Dunn P.H.C. M.P	3,250.00	
Lecturer	A.W.Matthews B.Sc.	2,300.00	
Assistants	W.D.Goldberg	160.00	
	Miss M.B.Russell	100.00	5,810.00
Household Economics			
Director	Miss M.Patrick B.A.	2,500.00	
Lecturer	Miss E.H.McIntyre B.A.	1,200.00	
	Miss E.Deadman B.Sc. (9 mos.)	1,575.00	
Assistants	Miss E.E.Provey (3 mos.)	300.00	
	Miss L.Williams (8 mos.)	50.00	
	Miss Rose Clutton	80.00	5,705.00
Night Watchman			
	J.McKenzie	1,080.00	
	A.G.Revell	42.00	1,122.00
Transfer Driver			
	H.Dean	1,440.00	1,440.00
Law			
Dean	J.A.Weir, B.A. L.L.B.	4,000.00	
Lecturer	S.Nielson B.A. L.L.B.	1,600.00	
	Geo. Steer M.A.	1,200.00	
	Frank Ford, B.C.L. D.C.L. K.C. (8 mos.)	1,000.00	
	W.Dixon-Craig	500.00	8,300.00

SUMMARY.

AGRICULTURE.

GENERAL.

Salaries:			
Joan E. A. Howes, B. SA.		4,500.00	
Expenditures:			
Auto and Travelling	576.00		
Stationery and Printing	52.35		
Postage, Telephone and Telegrams,	38.70		
Sundries,	13.90	680.95	5,180.95

FIELD HUSBANDRY

Salaries and Wages			
Professor, R.Newton, B.SA.	4,000.00		
Professor, J.R.Fryer, M.A.	3,000.00		
Asst.Professor, G.F.H.Buckley, B.SA.M.S.	2,400.00		
Stenographer, I.M.Bedford,	1,080.00		
Wages,	12,483.63	22,963.63	
Expenditure:			
Travelling and Auto,	627.73		
Supplies and Repairs,	2,223.40		
Printing and Stationery,	267.03		
Postage, Telephone and Telegrams,	240.37		
Photo,	95.31		
Light and Water	49.71		
Equipment & Replacements,	300.29		
Sundries,	334.83	4,138.67	
		27,102.30	
Dairy Revenue,		2.272.88	24,829.42

S U M M A R Y .

ANIMAL HUSBANDRY

Salaries & Wages:				
Professor,	J.P.Sackville,B.SA.	4,250.00		
Asst.Professor,	R.D.Sinclair, B.SA.	2,900.00		
Asst.Professor,	J.E.Bowstead, M.Sc.	2,900.00		
Manager,	W.J.Thompson,	1,800.00		
Stenographer,	M.Wallace,	1,020.00		
Wages,		20,013.53	32,883.53	
Expenditures:				
Seed,		344.10		
Concentrales,Barley, Oats,		10,474.86		
Hay and Straw,		6,172.46		
Tractor Account,		367.18		
Office Supplies,		525.30		
Class Room Supplies,		9.15		
Experimental Supplies,		71.85		
Medical Work, Drugs,		646.13		
Stable Supplies,		1,299.74		
Light,Power & Water		724.06		
Auto and Travelling,		852.29		
Repairs,		561.60		
Livestock Registration,		270.75		
Miscellaneous,		1,209.89	23,529.36	
			56,412.89	
By Revenue,			18,300.16	38,112.73

SOILS

Salaries & Wages:				
Professor,	F.A.Wyatt,	4,250.00		
Asst.Professor,	J.D.Newton,	3,000.00		
Assistant,	J.L.Doughty,	1,080.00		
	A.S.Ward,	1,640.00		
Extra Assistants,		970.17	10,940.17	
Expenditure:				
Travel,		123.43		
Supplies,		803.75		
Repairs,		173.19		
Sundries,		57.19	1,157.56	
			12,097.73	
By Revenue,			536.97	11,560.76

AGRICULTURAL ENGINEERING.

Salaries & Wages:

Professor, J. McGregor Smith, B.Sc.	4,250.00	
Assistant, J.M. McFall,	157.75	
Stenographer, E. Wallace,	60.00	4,467.75
Expenditures:		
Supplies,	285.85	
Repairs,	161.84	
Auto and Travel,	44.54	
Sundries,	60.34	552.54 4,990.29

HORTICULTURE

Salaries & Wages:

Director, G. Harcourt, B.SA.	3,000.00	
Wages,	2,820.20	5,820.20
Expenditures:		
Supplies and Repairs,	547.72	
Seeds,	29.60	
Sundries,	80.69	291.91
		6,112.11
By Revenue,	238.20	5,873.91

DAIRYING

Supplies,	1,377.76	
Light and Telephone,	64.85	
Ice,	72.45	
Repairs,	13.30	1,488.36
By Revenue,	1,051.44	436.92

MYCOLOGY

Professor, E.H. Stricklend,	3,750.00	3,750.00
Supplies,	154.81	
Sundries,	28.20	182.81 3,932.81

PHYSICAL EDUCATION

Athletic Grounds,	89.00	
Gymnasium,	283.15	
Tennis,	498.00	
Sundries,	3.25	818.40

EXTENSION DEPARTMENT.

GENERAL.

Director,	A.E. Ottewell, M.A.	3,500.00	
Asst. Director,	E.A. Corbett, M.A.	2,916.66	
Lecturer,	J.W. McAllister, B.A.	2,400.00	
Stenographer,	Miss A. Nelson,	1,320.00	
Stenographer,	Miss H. Rand, (4 mos.)	300.00	
Extra Assistant,	Wm. Careless,	540.00	10,976.66
Travel & Auto,		948.55	
Printing and Stationery,		317.70	
Phones and Telegrams,		35.71	
Sundries,		624.24	1,926.20
			12,902.86
By Revenue,			119.50
			12,783.36

TRAVELLING LIBRARIES.

Librarian,	Miss J.F.Montgomery,BA	2,000.00	
Asst. Librarian,	Miss E. M. Chiverton,	1,020.00	
Stenographer,	Miss N. R. Gentleman,	960.00	
Extra Assistant,		30.00	4,010.00
Periodicals, Replacements,		122.59	
Printing & Stationery,		676.97	
Postage,		86.00	
Supplies,		2,186.10	
Sundries,		88.86	3,158.52
			7,168.52
By Revenue,			216.84
			6,951.68

EXTENSION DEPARTMENT.

GENERAL.

Director,	A.M. Ottewell, M.A.	3,300.00	
Asst. Director,	K.A. Corbett, M.A.	2,616.66	
Lecturer,	J.W. McAllister, M.A.	2,496.00	
Stenographer,	Miss A. Nelson,	1,320.00	
Stenographer,	Miss M. Mead, (4 mos.)	300.00	
Extra Assistant,	Wm. Careless,	840.00	10,872.66
Travel & Auto,		948.55	
Printing and Stationery,		317.70	
Phones and Telegrams,		38.71	
Sundries,		694.24	1,998.20
			12,870.86
By Revenue,		119.80	
			12,750.86

TRAVELLING LIBRARIAN.

Librarian,	Miss J.F.Montgomery,MA	2,000.00	
Asst. Librarian,	Miss E. M. Chiverton,	1,080.00	
Stenographer,	Miss M. R. Gentleman,	960.00	
Extra Assistant,		50.00	4,090.00
Periodicals, Replacements,		122.59	
Printing & Stationery,		676.97	
Postage,		86.00	
Supplies,		3,186.10	
Sundries,		89.26	3,158.52
			7,108.52
By Revenue,		216.64	
			6,891.88

SUMMARY

VISUAL INSTRUCTION

December 31, 1926.

Salaries & Wages

Director	H. P. Brown	2,500.00	
Clerk	Miss H. Donnelly	1,020.00	
	Miss D. Adamson	780.00	
	Miss E. Williams	600.00	
Stenographer	Miss H. Duncan	780.00	
	Miss F. Nicholson	325.00	
	W. F. Doyell	420.00	
			6,425.00
Trading		6,835.22	
Photo		1,118.04	
Slides		351.57	
Films		3,070.52	
Replacements		64.50	
Postage		134.00	
Sundries		218.01	
		11,791.86	
Inventory January 1926		22,037.02	
		33,828.88	
Less Inventory December 31,1926		25,831.44	
			7,997.44
			14,422.44
By Revenue			11,651.28
			2,771.16

SUMMARY

General	12,783.36
Travelling Library	6,951.68
Visual Instruction	2,771.16
	$22,506.20

SUMMARY

VISUAL INSTRUCTION

December 31, 1926.

Salaries & Wages

Director	H. P. Brown	$ 2,800.00
Clerk	Miss H. Donnelly	1,020.00
	Miss D. Adamson	780.00
	Miss R. Williams	600.00
Stenographer	Miss M. Inman	780.00
	Miss F. Nicholson	828.00
	W. P. Doyell	420.00
		$ 6,428.00

Trading	$ 6,826.28
Texts	1,126.04
Slides	361.67
Films	3,070.88
Replacements	64.50
Penalty	134.00
Sundries	218.01
	11,791.86
Inventory January 1926	22,037.08
	33,828.88
Less Inventory December 31,1926	25,831.44
	7,997.44
	14,422.44
My Revenue	11,851.88
	$ 2,771.16

SUMMARY

General	$ 12,783.86
Traveling Library	6,351.88
Visual Instruction	2,771.16
	$22,906.20

SUMMARY.

December 31, 1926.

Residences.

			Exp.	Rev.
Athabasca, Assiniboia and Pembina Halls.				
Superintendent,	Miss R. Eagor	(6 mos.)	$412.50	
	Miss E.J. Russell	" "	525.00	
Wages	Maids		5,516.06	
	Janitors		6,842.00	
	Night Watchman		180.00	13,475.56
Repairs			1,977.96	
Supplies			3,563.70	
Light			961.70	
Water			1,202.46	
Telephones			543.40	
Fuel			46.90	
Laundry			1,215.05	
Sundries			179.73	9,690.98
				23,166.54
	By Revenue			43,889.27
				20,722.73
Faculty Houses.				
Dr. Tory			220.33	
Dr. J. McLeod			94.59	
Dr. A. R. Kerr			402.85	
Dr. F. L. Lehmann			261.11	
Dr. West			85.88	
Dr. A. Allan			186.28	
Dr. W. Sheldon			170.57	
Dr. A. Howes			215.40	
Dr. S. Burgess			103.93	
Dr. A. Robb			266.66	
Dr. S. Smith			136.49	
Dr. H. Cameron			40.40	
			2,272.49	
	By Revenue		6,060.00	3,787.51

24,510.

SUMMARY.

December 31, 1926.

Residences.

			Dec.	Inc.

S U M M A R Y.

December 31, 1926.

DINING ROOM.

			Exp.	Rev.
uperintendent,	Miss R. Eager (6 mos.)	$412.50		
	Miss M.J. Russell " "	525.00		
	Dietitian	600.00		
ages.	Maids	4,920.56		
	Chef	1,985.00		
	Assistants	4,774.88	13,217.94	
ight, Heat and Power		1,273.67		
rovisions		43,165.10		
aundry		1,468.10		
elephones		44.85		
epairs		857.68		
upplies, Utensils		909.11		
undries		101.98	47,800.49	
			61,018.43	
Inventory January 1, 1926			1,678.50	
			62,696.93	
Less Inventory December 31, 1926			884.91	
			61,812.02	
By Revenue			71,573.02	9,761.0

POWER PLANT.

Wages	$21,579.63	
Coal	19,537.76	
Supplies	1,857.95	
Oil	569.57	
Power and Light	1,801.90	
Telephones and Telegrams	147.52	
Repairs	1,735.31	
Sundries	251.17	
	47,480.81	
By Revenue	12,461.58	35,019.23

S U M M A R Y.

DINING ROOM.

Supervisor, Miss E. Yager (6 mos.)	$ 412.50	
Miss M.J. Russell " "	825.00	
Dietitian	900.00	
Meals	4,920.56	
Chef	1,980.00	
Assistants	4,774.68	13,817.94
Light, Heat and Power	1,278.67	
Provisions	43,165.10	
Laundry	1,408.10	
Telephone	44.88	
Supplies	837.00	
Supplies, Utensils	909.11	
Furniture	101.39	47,800.49
		61,618.43
Inventory January 1, 1926		1,879.00
		59,739.43
Less Inventory December 31, 1926		884.91
		58,854.52
By Revenue		71,873.02
		13,018.50

POWER PLANT.

Wages	$21,379.83	
Coal	19,837.76	
Supplies	1,887.36	
Oil	869.87	
Power and Light	1,301.93	
Telephone and Telegrams	147.62	
Repairs	1,718.61	
Laundries	281.17	
	47,460.81	
By Revenue	12,481.59	34,979.22

SUMMARY

December 31, 1926.

GAS PLANT.

		Expenditure	Revenue
Gas		482.40	
Repairs		5.20	
			487.60

SPECIAL CLINICAL SERVICES

Lecturer			
Dr. Fulton Gillespie		750.00	
Rent	1,080.00		
Water	77.03		
Gas, Light, Power	541.92		
Supplies	55.30		
Repairs	24.93		
Sundries	89.20	1,868.38	
		2,618.38	
By Revenue		2,500.00	118.38

SUMMARY

December 31, 1956.

GAS PLANT

Gas	456.40	
Repairs	8.20	
		487.60

ELECTRICAL DIVISION

Inspector		
Dr. Julian Gillespie		750.00
Rent	1,050.00	
Water	772.03	
Gas, Light, Power	841.92	
Supplies	63.50	
Repairs	24.93	
Sundries	89.20	1,963.58
		2,613.58
By Revenue		2,500.00
		113.58

SUMMARY

December 31, 1926.

LABORATORIES

		Expenditure	Revenue
Anatomy	1,412.12		
Biochemistry	1,945.16		
Botany	1,474.18		
Chemistry	1,421.60		
Civil Engineering	986.33		
Classics	19.55		
Drawing	10.45		
Electrical Engineering	421.96		
Geology	540.36		
Gynaecology & Obstetrics	94.97		
History	7.40		
Household Economics	764.31		
Mathematics	31.72		
Mechanical Engineering	57.37		
Mining Engineering	285.77		
Moderns	25.95		
Physics	3,576.12		
Physiology	2,054.25		
Philosophy	110.58		
Political Economy	41.91		
Pharmacy	150.38		
Zoology	479.08		
	15,911.52		
By Revenue	1,749.80	14,161.72	

SUMMARY

December 31, 1926.

LABORATORIES

	Expenditure	Revenue
Agronomy	1,412.12	
Biochemistry	1,968.16	
Botany	1,476.18	
Chemistry	1,481.80	
Civil Engineering	986.33	
Classics	19.85	
Drawing	10.48	
Electrical Engineering	481.96	
Geology	340.36	
Gymnasium & Obstetrics	94.97	
History	7.40	
Household Economics	764.31	
Mathematics	31.72	
Mechanical Engineering	87.37	
Mining Engineering	288.77	
Modern	26.98	
Physics	3,876.12	
Physiology	3,084.25	
Philosophy	110.82	
Political Economy	41.91	
Pharmacy	180.38	
Zoology	479.08	
	16,911.82	
By Revenue	1,749.80	14,161.72

S U M M A R Y.

December 31, 1926.

MAIN TEACHING BUILDINGS.

Maintenance

Wages		$11,746.00	
Supplies	$2,427.13		
Laundry	102.95		
Light	2,450.42		
Water	2,459.00		
Repairs	1,030.24		
Sundries	24.95	8,474.69	
		20,220.69	
By Revenue		244.75	19,975.94

PRINTING AND ADVERTISING.

Press Bulletins	356.24	
Calendars and Pamphlets	1,671.90	
Scientific Publications	2,086.28	
Radio Equipment	220.06	
Postage	280.86	
Sundries	48.13	4,665.47

LIBRARY.

Periodicals	1,084.89	
Printing and Stationery	21.75	
Postage	29.00	
Sundries	104.30	1,239.94

SUMMARY.

December 31, 1925.

MAIN TELEPHONE BUILDINGS.

Maintenance		
Wages	$11,746.00	
Supplies	$2,427.12	
Laundry	102.35	
Light	2,430.42	
Water	2,459.00	
Repairs	1,080.24	
Sundries	24.58	8,473.69
		20,220.69
By Revenue	244.75	19,975.94

RENTING AND ADVERTISING.

Press Bulletins	286.24	
Calendars and Pamphlets	1,671.90	
Telephone Publications	2,066.36	
Radio Equipment	280.06	
Postage	280.88	
Sundries	68.18	4,665.47

GENERAL.

Periodicals	1,084.89	
Printing and Stationery	81.75	
Postage	29.00	
Sundries	104.50	1,300.94

S U M M A R Y

December 31, 1926.

TRAVELLING EXPENSES

		Expenditure	Revenue
Board of Governors	196.95		
President	58.15		
Senate	48.80		
Exchange Professors	91.40		
General	1,006.40	1,401.70	

INSURANCE

Unexpired December 31, 1925	7,937.30		
Premium Paid	8,370.41		
	16,307.71		
Less Unexpired	9,394.90	6,912.81	

BANK INTEREST AND DISCOUNT

Bank Interest		9,392.14		
By Revenue Hospital	3,000,00			
Transfer Interest on Deposit Account	1,190.18	4,190.18		5,201.96

UPKEEP OF MOTORS

Sundries		1,247.41

SUMMARY

December 31, 1926

CONTINGENCIES

		Exp.	Rev.
Sundry Salaries	622.69		
Postage	812.73		
Telegrams	140.79		
Telephones	1,851.50		
Printing and Stationery	2,695.29		
Summer School	2,600.00		
Upkeep of Typewriters and Adding Machine	361.05		
Sundries	1,377.61		10,461.66

BUILDING REPAIRS

Salaries & Wages	[illegible]		
J. A. Langlands	3,000.00		
C. S. Burgess	2,000.00		
Wages	3,783.05	8,783.05	
Arts Building	1,490.69		
Power Plant Building	339.79		
North Eng. "	1,227.94		
South " "	371.24		
Pembina	923.40		
Athabasca	1,530.32		
Assiniboia	2,881.95		
Medical	482.43		
Grounds	4,332.90		
Sundries	131.22	13,711.88	
		22,494.93	
By Revenue		4,639.24	17,855.69

S U M M A R Y

December 31, 1926

CONTINGENCIES

	Dep.	Rev.
Sundry Salaries	622.69	
Postage	812.73	
Telegrams	140.79	
Telephones	1,851.80	
Printing and Stationery	2,598.29	
Summer School	2,600.00	
Upkeep of Typewriters and Adding Machine	361.05	
Sundries	1,377.61	10,461.66

BUILDING REPAIRS

Salaries & Wages		
U. A. Langlands	3,000.00	
O. S. Burgess	2,000.00	
Wages	3,782.05	8,782.05
Arts Building	1,490.69	
Power Plant Building	839.79	
North Eng. "	1,227.94	
South " "	871.24	
Pembina	963.40	
Athabasca	1,880.32	
Assiniboia	2,881.98	
Medical	482.43	
Grounds	4,332.90	
Sundries	131.22	13,711.88
		22,494.93
By Revenue	4,839.24	17,855.69

S U M M A R Y

December 31, 1926.

BOOKSTORE AND POST OFFICE

		Expenditure	Revenue
Salaries:			
Manager, C.W.Hosford	1,500.00		
Asst." A. Paterson	840.00		
Assistant, Miss A. Herrald	660.00	3,000.00	
Merchandise	18,734.57		
Postage	28.00		
Sundries	17.99	18,780.56	
		21,780.56	
Inventory January 1, 1926		15,589.02	
		37,369.58	
Less: Inventory December 3, 1926		15,567.06	
		21,802.52	
By Revenue		25,537.08	
			3,734.56

PRINTING DEPARTMENT

Manager, James Hill	2,400.00		
Asst., Miss A. Herrald	60.00		
Wages	15,572.90	18,032.90	
Merchandise	9,798.77		
Expense	419.29		
Power	109.10	10,327.16	
		28,360.06	
Inventory January 1, 1926		2,722.18	
		31,082.24	
Less: Inventory December 31, 1926		4,454.99	
		26,627.25	
By Revenue		34,529.15	7,901.90

SUMMARY

December 31, 1926.

POSTTOWN AND POST OFFICE

	Expenditure	Revenue
Salaries:		
Manager, G.W.Hosford	1,800.00	
Asst., A. Patterson	840.00	
Assistant, Miss A. Bertrand	660.00	3,000.00
Merchandise	18,734.57	
Postage	28.00	
Sundries	17.99	18,780.56
		21,780.56
Inventory January 1, 1926		15,589.02
		37,369.58
Less: Inventory December 3, 1926		15,567.06
		21,802.52
By Revenue		25,557.08
		3,754.56

PRINTING DEPARTMENT

Manager, James Mill	3,400.00	
Asst., Miss A. Bertrand	60.00	
Wages	15,572.90	16,032.90
Merchandise	9,798.77	
Expense	419.29	
Power	109.10	10,327.16
		28,360.06
Inventory January 1, 1926		2,722.16
		31,082.24
Less: Inventory December 31, 1926		4,464.99
		26,617.25
By Revenue	34,529.15	7,901.90

S U M M A R Y

December 31, 1926.

INDUSTRIAL LABORATORY.

		Expenditure	Revenue
ries:			
rovincial Analyst,			
.A.Kelso, M.Sc.	3,750.00		
aboratory Assistant,			
.O.Tomlinson	1,500.00	$5,250.00	
lies	554.66		
irs	25.58		
	49.50		
age	17.00		
phones	22.25		
ries	53.45	722.44	
		5,972.44	
evenue		2,540.45	$ 3,431.99

PROVINCIAL LABORATORY

ries:		
irector, A.C.Rankin		
.M.C.,M.D.C.M.,D.P.H.,		
.R.C.P.,M.R.C.S.	4,500.00	
rov.Sereologist,		
.J.Ower,B.A., M.D.,		
.M.	4,500.00	
rov.Bacteriologist,		
.M.Shaw,B.A., M.D.C.M.,		
.P.H.	3,750.00	
ssistant, H.Vango,		
.D.C.M.	3,000.00	
ecturer, Dr. Morton		
. Hall.	500.00	
ssistant, Miss A.		
ewton	1,500.00	
iss D. Toop	777.75	
. McKay	1,260.00	
.C. McGregor	1,125.00	
iss J.MacFarlane	760.00	
iss K.Tyner	1,080.00	
iss G.Simpson	990.00	
iss M.Long	780.00	
red Howells	597.32	
.F. Tallman	225.00	
.B. Roxburgh	345.00	
iss C.MacFarlane	276.00	
.N.Warren	165.00	
iss J.Edmonds	150.00	
xtra Assistance	90.00	26,371.07

SUMMARY

December 31, 1926.

INDUSTRIAL LABORATORY.

	Expenditure	Revenue
Industrial Analyst,		
Lefaso, M.Po.	$ 3,750.00	
Factory Assistant,		
Cornlimson	1,500.00	$ 2,250.00
	854.66	
	35.85	
	49.80	
	17.00	
	28.25	
	85.45	722.45
	$ 8,972.45	
	$ 2,840.45	$ 3,427.99

LABOR INDIAL LABORATORY

Doctor, A.O.Hankin		
M.D.O.M., D.T.H.,		
M.R.C.S.	$ 4,500.00	
Geologist,		
Bacteriologist,		
Dr. Norton	4,500.00	
Bacteriologist,		
Dr. Norton		
Dr. Norton	3,750.00	
Chemist, Miss A.		
Dr. Norton	3,000.00	
Dr. Norton		
Dr. Norton	300.00	
Chemist, Miss A.		
Dr. Norton	3,600.00	
Dr. Coop	777.75	
Dr. Norton	1,260.00	
Mr. Norton	1,125.00	
Dr. Norton	750.00	
Dr. Norton	1,080.00	
Dr. Simpson	990.00	
Dr. Long	750.00	
Dr. Norton	897.35	
Dr. Norton	225.00	
Dr. Norton	345.00	
Dr. Norton	275.00	
Dr. Norton	165.00	
Dr. Norton	180.00	
Assistance	90.00	86,871.07

SUMMARY

December 31, 1926.

PROVINCIAL LABORATORY - CONT'D

			Expenditure	Revenue
o Expenses	733.74			
plies	2,522.07			
tage	354.00			
	142.50			
airs	397.19			
egrams	121.31			
nary	465.25			
nting and Stationery	526.38			
aries	97.86	$8,360.30	$34,731.37	

CORRESPONDENCE COURSES.

laries:				
rector, D.S.McKenzie	3,300.00			
nographer, Miss B.Giffin, M.A.	960.00		4,260.00	

WORKS DEPARTMENT.

laries:				
erintendent, T. Hiron 5⅓ Mos.	1,462.50			
trician, M.H. ler	2,400.00			
es	16,177.55	20,040.05		
chandise	11,539.69			
er and Light	68.49			
ephones	111.55			
ries	84.13	11,798.86		
		31,838.91		
ntory January 1926		10,804.37		
		42,643.28		
Inventory December 31-1926		10,853.17		
		31,790.11		
evenue		31,327.89	462.22	

INVENTORIES.

s Department	10,853.17		
store	15,567.06		
nsion Visual Instruction	25,831.44		
ting Department	4,454.99		
ng Room	884.91		
acy	607.19		
al Clinic	281.50	$58,480.26	

SUMMARY

December 31, 1926.

PROVINCIAL LABORATORY - CONT'D

		Expenditure	Revenue
Expenses	732.74		
es	2,822.07		
e	364.00		
	142.50		
	397.75		
ams	121.31		
	466.85		
ng and Stationery	826.38		
es	97.85	$8,360.80	$54,701.37

GOVERNMENT GOURDS.

es:

or, D.B.McKenzie	8,300.00		
rpher, Miss			
ffin, M.Y.	860.00		4,160.00

WORKS DEPARTMENT.

es:

ndent,T.			
on 5% Mon.	1,462.80		
Nolan, M.H.			
	2,400.00		
	16,174.85	20,040.05	
ndline	11,859.69		
and Light	62.49		
ones	111.85		
es	64.15	11,798.86	
		31,838.91	
ory January 1926		10,804.37	
		42,643.28	
nventory December 31-1926		10,853.17	
		31,790.11	
ense		31,357.89	432.22

INVENTORIES.

Department		10,865.17	
ors		18,807.06	
ien Visual Instruction		85,831.44	
ng Department		4,464.95	
Room		884.91	
ds		607.15	
Clinic		281.80	458,480.68

SUMMARY

SCHOLARSHIPS AND MEDALS.

Lloyd Hartnell Bishop	200.00	
College of Physicians and Surgeons	250.00	
Alberta Pharmaceutical Association	80.00	
Canadian North West Resources	25.00	
Association of Professional Engineers	150.00	
A. J. Wells	50.00	
Moshier Memorial	20.00	
Sir James Aitken	125.00	
Howard Stutchbary	25.00	
P. Burns	150.00	
Hon. A.C. Rutherford	25.00	
Lieutenant Governor Dr. Egbert	25.00	
Hon. Chas. Stuart	25.00	
Chief Justice Medal	25.00	
James Ramsey	25.00	
Women's University Club	25.00	
Sundry	150.00	1,375.00

By Revenue:

Lloyd Hartnell Bishop	200.00		
College of Physicians and Surgeons	250.00		
Alberta Pharmaceutical Association	80.00		
Canadian North West Resources	25.00		
Association of Professional Engineers	150.00		
Mrs. A. J. Wells	50.00		
Moshier Memorial	20.00		
Sir James Aitken	125.00		
Howard Stutchbury	15.00		
P. Burns	150.00		
Hon. A.C. Rutherford	25.00		
Lieutenant Governor Dr. Egbert	25.00		
Hon. Chas. Stuart	25.00		
Hon. Chief Justice	25.00		
James Ramsey	25.00		
Women's University Club	25.00	1,215.00	$160.00

SUMMARY

SCHOLARSHIPS AND MEDALS.

Lloyd Hartnell Bishop	200.00	
College of Physicians and Surgeons	250.00	
Alberta Pharmaceutical Association	80.00	
Canadian North West Resources	25.00	
Association of Professional Engineers	150.00	
A. J. Wolfe	80.00	
Hockley Memorial	80.00	
Sir James Aitken	125.00	
Howard Shrubsall	25.00	
E. Burns	150.00	
Hon. A.C. Rutherford	25.00	
Lieutenant Governor Dr. Egbert	25.00	
Hon. Chas. Stuart	25.00	
Chief Justice Medal	25.00	
James Kinney	25.00	
Queen's University Club	25.00	
Sundry	150.00	1,375.00

Recovered:

Lloyd Hartnell Bishop	200.00	
College of Physicians and Surgeons	250.00	
Alberta Pharmaceutical Association	80.00	
Canadian North West Resources	25.00	
Association of Professional Engineers	150.00	
E. A. J. Wolfe	80.00	
Hockley Memorial	80.00	
Sir James Aitken	125.00	
Howard Shrubsall	25.00	
E. Burns	150.00	
Hon. A.C. Rutherford	25.00	
Lieutenant Governor Dr. Egbert	25.00	
Hon. Chas. Stuart	25.00	
Chief Justice	25.00	
James Kinney	25.00	
Queen's University Club	25.00	1,375.00
		$2750.00

UNIVERSITY OF ALBERTA

December 31, 1926.

STUDENTS' LOAN FUND.

1925 December 31.	Balance at Credit of Fund	$1,262.55
	Cash received in repayment of Loans.	66.35
	Interest on Bank Balance	35.52
		$1,364.42
	To Loans Made	322.00
		$1,042.42
1926 December 31.	Cash on hand Imperial Bank of Canada.	$1,042.42

UNIVERSITY OF ALBERTA

December 31, 1939.

STUDENTS' LOAN FUND.

1939		
December 31.	Balance at Credit of Fund	$1,282.55
	Cash received in repayment of loans.	66.35
	Interest on Bank Balance	35.52
		$1,364.42
	Re Loans Made	322.00
		$1,042.42
1939		
December 31.	Cash on hand Imperial Bank of Canada.	$1,042.42

UNIVERSITY OF ALBERTA

December 31, 1926.

ROCKEFELLER GRANT.

1926		
December 31.	Balance at Credit of Fund	$500,000.00

Represented by

1. Province of Alberta Bond, 50-year -5%- Maturing February 15, 1974.	$500,000.00

UNIVERSITY OF ALBERTA

December 31, 1974

ROOSEVELT-ISER GRANT.

1975

December 31. Balance at Credit of Fund $800,000.00

Represented by

1. Province of Alberta Bond,
50-year -5%-
Maturing February 15, 1974. $800,000.00

UNIVERSITY OF ALBERTA

December 31, 1926.

ALBERTA PHARMACEUTICAL ASSOCIATION

1925			
December 31.	Balance at Credit of Fund	$8,282.76	
	Interest	312.77	
			$8,595.53

1926			
December 31.	Sale of Bond	$7,000.00	
	University of Alberta	276.16	
	Cash in Imperial Bank of Canada	1,319.37	
			$8,595.53

UNIVERSITY OF ALBERTA

December 31, 1926.

SIR JAMES AITKEN SCHOLARSHIP FUND.

1925 December 31.	Balance at Credit of Fund	$2,119.05	
	Interest	126.06	
		2,245.11	
	Cash Paid for Scholarship	125.00	
			$2,120.11

1926 December 31.	Represented by		
	1. Province of Alberta Debenture at 96.64	1,932.80	
	Cash in Imperial Bank of Canada	187.31	
			$2,120.11

UNIVERSITY OF ALBERTA

December 31, 1926.

WOMEN'S UNIVERSITY CLUB LOAN FUND

1925

December 31	Balance at Credit of Funds	214.88
	Interest and payment of Fees	21.19
		$236.07

1926

December 31	Cash on hand Imperial Bank of Canada	$236.07

UNIVERSITY OF ALBERTA

December 31, 1926.

WOMEN'S UNIVERSITY CLUB LOAN FUND

1925

December 31 Balance at Credit of Funds $14.88

Interest and payment of Dues 81.19

$1926.07

1926

December 31 Cash on hand Imperial Bank of Canada $1926.07

UNIVERSITY OF ALBERTA

December 31, 1926.

MOSHIER MEMORIAL FUND

1925			
December 31	Balance at Credit of Fund	396.15	
	Interest	27.51	
		423.66	
	Cash paid for Medal	20.00	
			403.66

Represented by

1926			
December 31	3 P. of A. Bonds due Jan. 15, 1946	285.00	
	P. of A. Savings Certificates	65.00	
	Cash in Imperial Bank of Canada	53.66	
			403.66

UNIVERSITY OF ALBERTA

December 31, 1926.

19TH ALBERTA DRAGOONS I.O.D.E.

1925			
December 31	Balance at Credit of Fund	64.27	
	Interest	1.92	$66.19

Represented by

1926		
December 31	Cash in Imperial Bank of Canada	$66.19

UNIVERSITY OF ALBERTA

December 31, 1926.

19TH ALBERTA DRAGOONS I.O.D.E.

1925

December 31	Balance at Credit of Fund		$64.87
	Interest	1.92	
			$66.79

Represented by

1926

December 31	Cash in Imperial Bank of Canada	$66.79

UNIVERSITY OF ALBERTA

December 31, 1926.

DR. BIAIS PRIZE

1925			
December 31	Balance at Credit of Fund Interest	11.83	
	Interest	.32	
			$12.15
1926			
Dec. 31	Cash on hand Imperial Bank of Canada		$12.15

1926

Dec. 31 Cash on hand Imperial
Bank of Canada $12.15

UNIVERSITY OF ALBERTA.

December 31, 1926.

WOMEN'S UNIVERSITY CLUB SCHOLARSHIP FUND.

1925			
December 31.	Balance at Credit of Fund		$1,523.08
	Interest		132.53
	Scholarship not used		50.00
	Refund of Loan		100.00
			1,805.61

Represented by

1926				
December 31.	Cash on hand Imperial Bank of Canada			18.96
	3-Dominion of Canada 5 1/2% Gold bonds due 1934.	$300.00		
	2-Dominion of Canada 5 1/2% Gold Bonds due 1934.	$100.00		
	3-Province of Alberta 5 1/2% Bonds due June 1, 1939.	$300.00		
	1-Province of Alberta 6% Bond due May 1, 1930.	$100.00		
	1-Dominion of Canada 5 1/2% Bond due Nov. 1, 1934	$50.00		
	2-Dominion of Canada 5 1/2% Bond due Nov. 1, 1934	$200.00		
	1-Dominion of Canada 5 1/2% Bond due Nov. 1, 1934	$500.00		
	1-Province of Alberta 5% Bond due June 1, 1936	$100.00		
	1-Province of Alberta 4 1/2% Bond due Jan. 15, 1946.	$100.00	$1,750.00	
				$1,868.96

UNIVERSITY OF ALBERTA

December 31, 1926.

WOMEN'S UNIVERSITY CLUB

Colonial History Book Account

1925			
December 31	Balance at Credit of Fund Interest	49.70	
	Interest	1.44	
			$51.14
1926			
December 31	Cash on hand Imperial Bank of Canada		$51.14

UNIVERSITY OF ALBERTA

December 31, 1952.

WOMEN'S UNIVERSITY CLUB

General History Book Account

1952

December 31 Balance to Credit of
Bond Interest 49.70

Interest 1.44

$51.14

1953

December 31 Cash on hand Imperial
Bank of Canada $51.14

UNIVERSITY OF ALBERTA

December 31, 1926.

LAW LIBRARY FUND

1925			
December 31	Balance at Credit of Fund	613.20	
	Interest	18.49	$631.69

1926		
December 31	Cash on hand Imperial Bank of Canada	$631.69

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UNIVERSITY OF ALBERTA

December 31, 1926.

LAW LIBRARY FUND

1925

December 31 Balance at Credit of Fund $13.80

Interest 18.49 $32.29

1926

December 31 Cash on hand Imperial
Bank of Canada $32.29

UNIVERSITY OF ALBERTA.

December 31, 1926.

ALBERTA OPTOMETRY ASSOCIATION.

1925	Balance at Credit of Fund	$548.11	
	Interest	19.31	567.42

Represented by

1926	2 - 5% P. of A. Bonds $100.00 due June 1, 1939 at $98.50 each		
	1 - 4½% Saving Certificate	5.00	
	1 - 4½% Savings Certificate	50.00	
		252.00	
	P. of A. Savings Certificates		
	11 at $25.00	275.00	
	Cash on hand Imperial Bank of Canada	40.42	567.42

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UNIVERSITY OF ALBERTA.

December 31, 1956.

ALBERTA OPTOMETRY ASSOCIATION.

1956	Balance at credit of Fund		$548.11
	Interest	19.31	567.42
	Represented by		
1956	2 - 5% P. of A. Bonds $100.00 due June 1, 1959 at $98.50 each		
	1 - 4½% Savings Certificate	5.00	
	1 - 4½% Savings Certificate	50.00	
		255.00	
	P. of A. Savings Certificates		
	11 at $25.00	275.00	
	Cash on hand Imperial Bank of Canada	40.42	567.42

UNIVERSITY OF ALBERTA.

December 31, 1926.

STUDENTS' UNION RINK FUND.

1925	Balance Credit of Fund	$305.00	
	Cash received	600.00	$905.00
	Represented by		
	3 P. of A. 5% Bonds due June 1, 1929	300.00	
	1 Savings Certificate	5.00	
	6 P. of A. Savings Certificates	600.00	905.00

UNIVERSITY OF ALBUQUERQUE

December 31, 1926.

STUDENTS' UNION LOAN FUND.

1925	Balance Credit of Fund		$300.00
	Cash received	600.00	$900.00

Represented by

3 P. of A. 6% Bonds due June 1, 1929	300.00	
1 Savings Certificate	5.00	
6 P. of A. Savings Certificates	600.00	905.00